Selectivity table

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Using the tables

Two circuit breakers offer total selectivity when the corresponding box in the discrimination table is shaded or contains the letter T.
When selectivity is partial for the combination, the corresponding box indicates the maximum value of the fault current for which selectivity is provided. For fault currents above this value, the two circuit breakers trip simultaneously.

Coordination between circuit breakers

Selectivity (Discrimination)

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Selectivity of over-current protection is covered by circuit breakers standards: IEC 60947-2 Annex A and IEC 60898-1 Annex D.
Selectivity of residual current protection is covered by IEC 60364 series and product standards IEC 60947-2 Annex B and M, IEC 61009-1.

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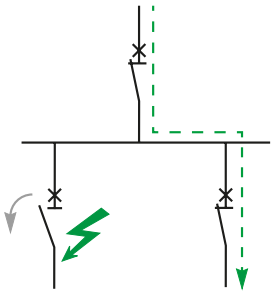

Selectivity is essential to ensure continuity of supply and fast fault localization.

Discrimination

Principles of Selectivity (Discrimination)

Selectivity is achieved by overcurrent and earth fault protective devices if a fault condition, occurring at any point in the installation, is cleared by the protective device located immediately upstream of the fault, while all other protective devices remain unaffected.

Selectivity is required for installation supplying critical loads where one fault on one circuit shall not cause the interruption of the supply of other circuits. In IEC 60364 series it is mandatory for installation supplying safety services. (IEC60364-5-56 2009 560.7.4). Selectivity may also be required by some local regulation or for some special application like :

- Medical location
- Marine
- High-rise building

Selectivity is highly recommended where continuity of supply is critical due to the nature of the loads.

- Data center
- Infrastructure (tunnel, airport…)
- Critical process

From installation point of view: Selectivity is achieved when the maximum short-circuit current at a point of installation is below selectivity limit of the circuit breakers supplying this point of installation.Selectivity shall be checked for all circuits supplied by one source and for all type of fault:

- Overload
- Short-circuit
- Earth fault

When system can be supplied by different sources (Grid or generator set for instance) selectivity shall be checked in both cases.

Selectivity between two circuit breakers may be

- Total : up to the breaking capacity of the downstream circuit breaker
- Partial : up to a specified value according to circuit breakers characteristics

Different solution are provided to achieve selectivity based on:

- Current
- Time
- Energy
- Logic

Current based selectivity:

This method is realized by setting successive tripping thresholds at stepped levels, from downstream circuits (lower settings) towards the source (higher settings). Selectivity is total or partial, depending on particular conditions, as noted above.

Time based selectivity

This method is implemented by adjusting the time-delayed tripping units, such that downstream relays have the shortest operating times, with progressively longer delays towards the source.In the two-level arrangement shown, upstream circuit breaker A is delayedsufficiently to ensure total selectivity with B (for example: Masterpact with electronic trip unit).

Selectivity category B circuit breakers are designed for time based selectivity, the selectivity limit will be the upstream short time withstand value (Icw)

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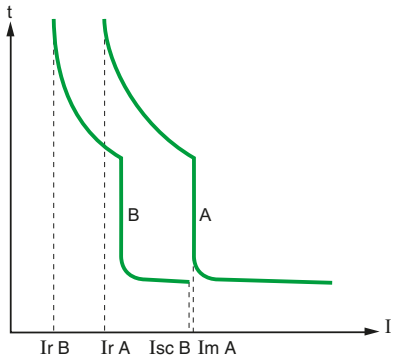
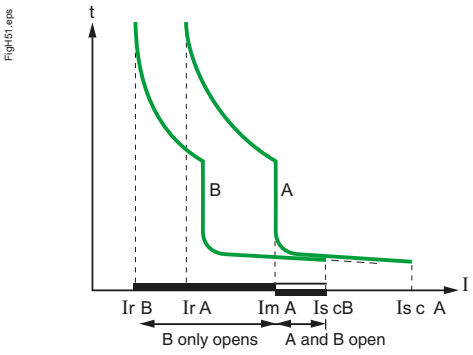


Total discrimination between CBs A and B.

Coordination between circuit breakers

Selectivity (Discrimination)



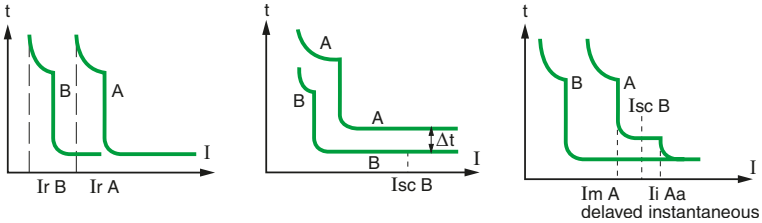
Partial discrimination between CBs A and B

Selectivity based on a combination of the two previous methods

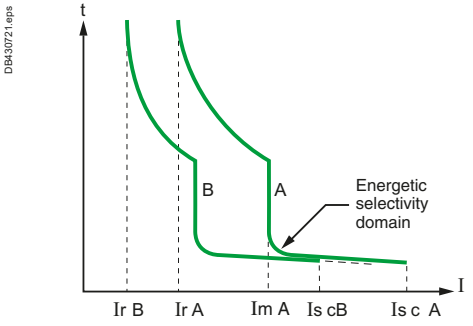
A time-delay added to a current level scheme can improve the overall selectivity performance.
The upstream CB has two magnetic tripping thresholds:

- Im A: delayed magnetic trip or short-delay electronic trip
- Ii: instantaneous trip

Selectivity is total if Isc B <Ii (instantaneous).



Current based selectivity, Time based selectivity, Combination of both



Energetic based selectivity.

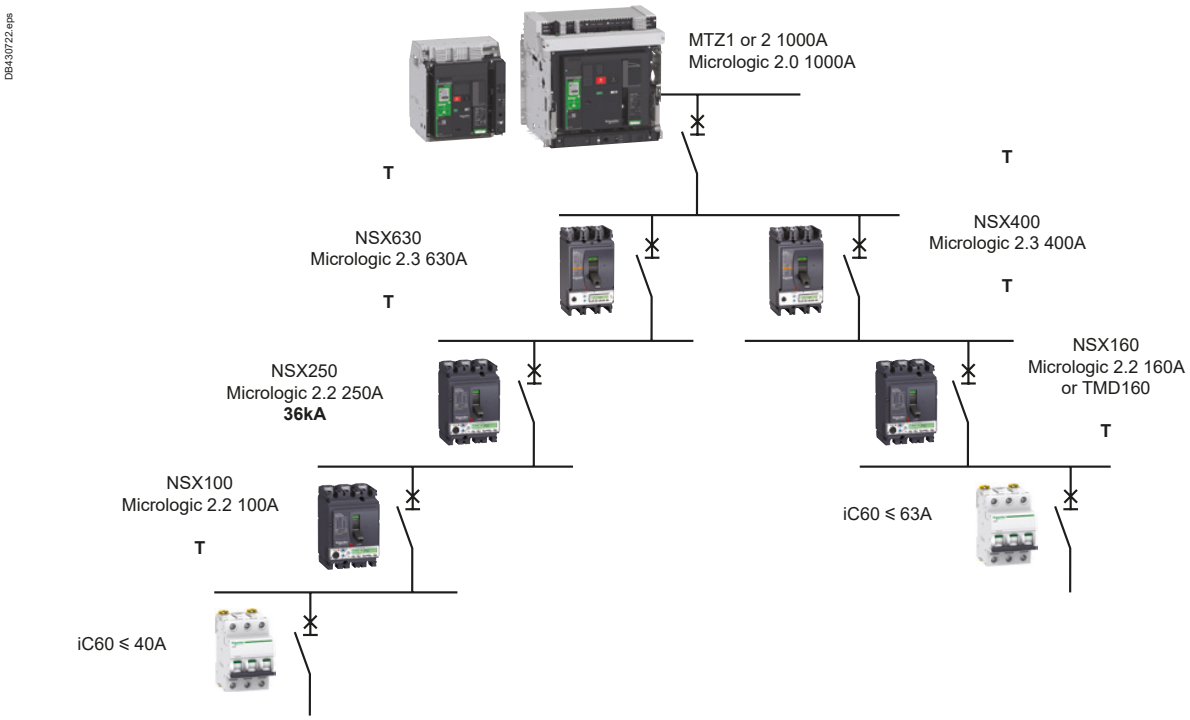
Protection against high level short-circuit currents: Selectivity based on arc-energy levels

Where time versus current curves are superposed selectivity is possible with limiter circuit breaker when they are properly coordinated.

Principle: When a very high level short-circuit current is detected by the two circuit breakers A and B, their contacts open simultaneously. As a result, the current is highly limited.

- The very high arc-energy at level B induces the tripping of circuit breaker B
- Then, the arc-energy is limited at level A and is not sufficient to induce the trippingof A

This approach requires an accurate coordination of limitation levels and tripping energy levels. It's implemented inside the Compact NSX range (current limiting circuit breaker), and between compact NSX and acti 9 range. This solution is the only one to achieve selectivity up to high short-circuit current with selectivity category A circuit breaker according to IEC60947-2



Practical example of selectivity at several levels with Schneider Electric circuit breakers (with electronic trip units)

Coordination between circuit breakers

Selectivity (Discrimination)

Selectivity enhanced by cascading

Cascading between 2 devices is normally achieved by using the tripping of the upstream circuit breaker A to help the downstream circuit breaker B to break the current. The selectivity limit Is is consequently equal to the ultimate breaking current Icu B of circuit breaker B acting alone, as cascading requires the tripping of both devices.
The energy selectivity technology implemented in Compact NSX circuit breakers allows to improve the selectivity limit to a value higher than the ultimate breaking current Icu B of the downstream circuit breaker. The principle is as follows:
■ The downstream limiting circuit breaker B sees a very high short-circuit current. The tripping is very fast (<1 ms) and then, the current is limited
■ The upstream circuit breaker A sees a limited short-circuit current compared to its breaking capability, but this current induces a repulsion of the contacts. As a result, the arcing voltage increases the current limitation. However, the arc energy is not high enough to induce the tripping of the circuit breaker. So, the circuit breaker A helps the circuit breaker B to trip, without tripping itself. The selectivity limit can be higher than Icu B and the selectivity becomes total with a reduced cost of the devices

Logic selectivity or “Zone Sequence Interlocking – ZSI”

This type of selectivity can be achieved with circuit breakers equipped withspecially designed electronic trip units (Compact, Masterpact): only the Short Time Protection (Isd, Tsd) and Ground Fault Protection (GFP) functions of the controlleddevices are managed by Logic Selectivity. In particular, the InstantaneousProtection function is not concerned.
One benefit of this solution is to have a short tripping time wherever is located the fault with selectivity category B circuit breaker. Time based selectivity on multi level system implies long tripping time at the origin of the installation.

Selectivity schemes based on logic techniques are possible, using CBs equipped with electronic tripping units designed for the purpose (Compact, Masterpact) and interconnected with pilot wires

Settings of controlled circuit breakers

■ time delay: Staging of the time delays is necessary at least forcircuit breaker receving a ZSI Input (ΔtD1>trip time with no delay of D2 and ΔtD2>trip time with no delay of D3)
■ thresholds: there are no threshold rules to be applied, but natural staging of theprotection device ratings must be complied with (IcrD1 > IcrD2 > IcrD3).
Note: This technique ensures selectivity even with circuit breakers of similarratings.

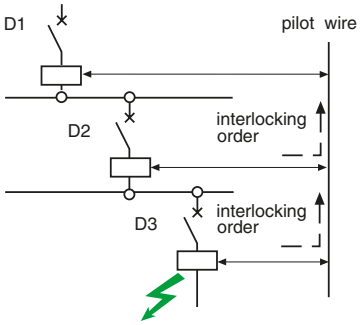
Principles

Activation of the Logic Selectivity function is via transmission of information onthe pilot wire:
■ ZSI input:
□ low level (no downstream faults): the Protection function is on standby with no time delay,
□ high level (presence of downstream faults): the relevant Protection function moves to the time delay status set on the device.
■ ZSI output:
□ low level: the trip unit detects no faults and sends no orders,
□ high level: the trip unit detects a fault and sends an order.

Operation

A pilot wire connects in cascading form the protection devices of an installation(see Fig. H56). When a fault occurs, each circuit breaker upstream of the fault(detecting a fault) sends an order (high level output) and moves the upstream circuit breaker to its set time delay (high level input). The circuit breaker placed justabove the fault does not receive any orders (low level input) and thus trips almostinstantaneously.

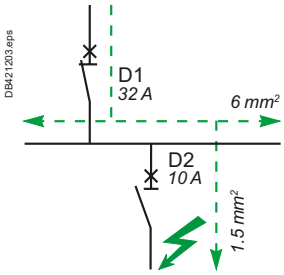
FigH56.ai



Logic selectivity

Coordination between circuit breakers

Selectivity (Discrimination)



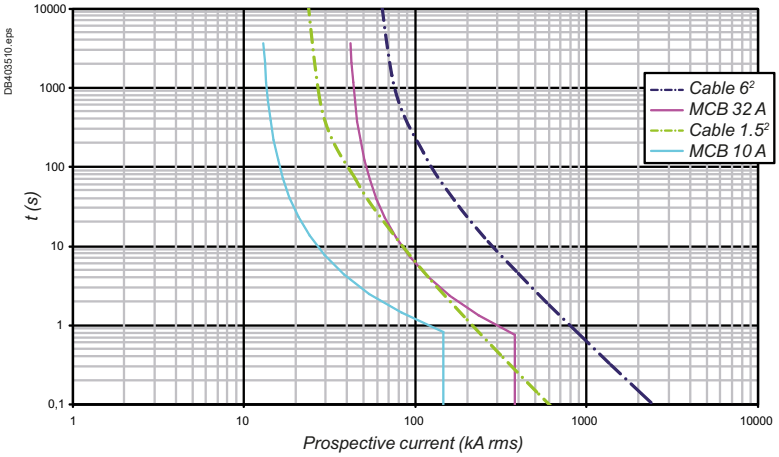
Selectivity between modular circuit breakers

We use two types of selectivity when these circuit breakers are combined:
- current selectivity,
- energy selectivity.

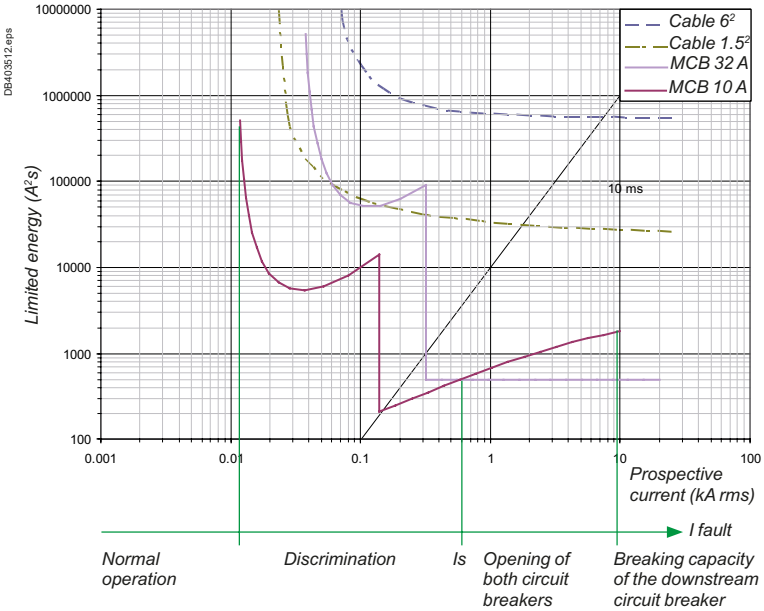
For selectivity to be ensured whatever the prospective fault current, 3 conditions have to be fulfilled:
- the upstream and downstream circuit breakers must have different ratings (ratio > 1.3),
- their type of curve (B,C,D ...) shall be consistent to ensure D1 magnetic level > D2 magnetic level,
- the energy allowed to pass through the downstream circuit breaker when it cuts off must still be less than the operating energy of the upstream trip.

Example

- Let us take the example of a single phase network where we have a 32 A curve D circuit breaker in series with a 10 A curve D circuit breaker:
  - the 32 A circuit breaker protects the 6^2 cables and the 10 A circuit breaker protects the 1.5^2 cables. This combination allows selectivity, but up to what threshold?
  - if current selectivity is considered (t = f (Ip)) it can be seen that the tripping curve of the downstream circuit breaker is well below the non-tripping curve of the upstream circuit breaker,
  - furthermore, each circuit breaker is well below the maximum stress permitted by the cables.



When considering energy selectivity, it is necessary to compare the maximum stresses characterized by the integrals I^2t relative to the development of the arc in the downstream device and by the sensitivity of the trip unit, still in I^2t, of the upstream device (curves $I^2t = f(Ip)$).



Coordination between circuit breakers

Selectivity (Discrimination)

Selectivity between Compact NSX upstream and modular circuit breakers downstream

Compact NSX circuit breakers have been designed to ensure total selectivity with Acti9 range.

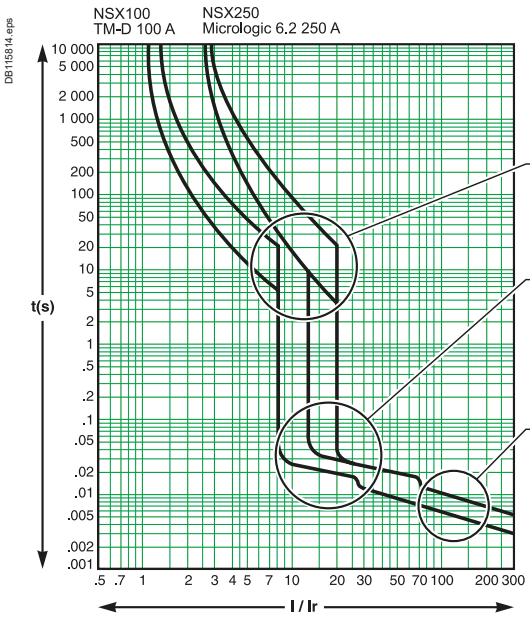
- Total selectivity between Compact NSX 100 A with electronic trip unit and Acti9 circuit breaker up to 40 A.
- Total selectivity between Compact NSX ⩾ 160 A with TMD trip unit ⩾125 A or electronic trip unit and Acti9 up to 63 A.

Selectivity between Compact NSX circuit breakers

Thanks to the Roto-Active breaking principle in the Compact NSX, a combination of Schneider Electric circuit breakers provides an exceptional level of selectivity between protection devices.

This performance is due to the combination and optimization of 3 principles:

- current selectivity,
- energy selectivity,
- time selectivity.



Protection against overloads: current selectivity
The protection is selective if the ratio between the setting thresholds is higher than 1.6 (in the case of two distribution circuit breakers).

Protection against weak short circuits: time selectivity
Tripping of the upstream device has a slight time delay; tripping of the downstream device is faster.
The protection is selective if the ratio between the short-circuit protection thresholds is no less than 1.5.

Protection against high short circuits: energy selectivity
This principle combines the exceptional limiting power of the Compact NSX devices and reflex release, sensitive to the energy dissipated by the short circuit in the device.
When a short circuit is high, if it is seen by two devices, the downstream device limits it greatly.
The energy dissipated in the upstream device is insufficient to cause it to trip: there is selectivity whatever the value of the short circuit.
The range has been designed to ensure energy selectivity between NSX630/NSX250/NSX100 or NSX400/NSX160.

Selectivity between Masterpact or Compact NS ⩾ 630 A upstream and Compact NSX downstream

Thanks to their high-performance control units and a very innovative design, Masterpact and Compact NS ⩾ 630 A devices offer, as standard, a very high level of selectivity with downstream Compact NSX up to 630 A

Respect the basic rules of selectivity for overload and short-circuit, or check that curves do not overlap with Ecodial software.

Check the selectivity limit in tables for high short-circuit current or when using limiter circuit breakers (Masterpact MTZ1 L1 or Compact NS L or LB) upstream.

Selectivity between Masterpact or Compact NS ⩾ 630 A upstream and downstream

The utilization category of these devices (excepted limiters ones) is B according to IEC 60947 standard. Selectivity is ensured by a combination of current selectivity and time selectivity.

Respect the basic rules of selectivity for overload and short-circuit, or check that curves do not overlap with Ecodial software.

Check the selectivity limit in tables for high short-circuit current or when using limiter circuit breakers (Masterpact MTZ1 L1 or Compact NS L or LB).

Basic rules of selectivity for overload and short-circuit

Upstream	Downstream	Thermal protection	Magnetic protection
		Ir upstream / Ir downstream	Im upstream / Im downstream
TM	TM or MCB	⩾ 1.6	⩾ 2
	Micrologic	⩾ 1.6	⩾ 1.5
Micrologic	TM or MCB	⩾ 1.6	⩾ 1.5
	Micrologic	⩾ 1.3	⩾ 1.5 [1]

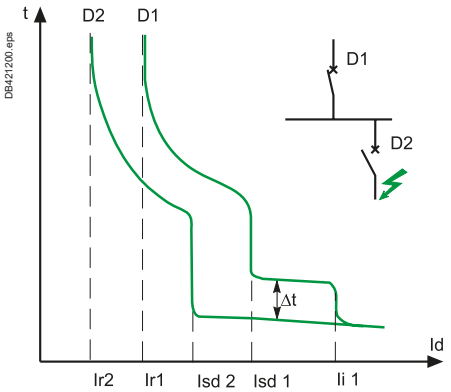
[1] See "Additional conditions according to the trip units".

Coordination between circuit breakers

Selectivity (Discrimination)

Masterpact MTZ with Micrologic X control unit offer two options for instantaneous trip: "Standard" and "fast". Selectivity tables are provided with "Standard" setting.

See Micrologic X User guide for setting guidelines.



Additional conditions according to the trip units

Short time trip pickup current (Isd)
The tables show the limit of selectivity assuming the short time trip pickup current Isd = 10 x Ir.
In many cases, when selectivity is total, a different adjustment may be used provided that the ratio between the magnetic thresholds indicated above is observed.
When downstream breaker is a Compact NSX:
■ upstream circuit breaker magnetic setting shall be higher than downstream instantenous protection:

NSX 2.2 ou 2.3	Mic 2.2 40	Mic 2.2 100	Mic 2.2 160	Mic 2.2 250	Mic 2.3 400	Mic 2.3 630
Inst.	600 A	1500 A	2400 A	3000 A	4800 A	6900 A

■ or upstream circuit breaker shall be equipped with micrologic type 5 with tsd ⩾ 0.1.
When downstream circuit breaker is a Masterpact with micrologic 2, upstream circuit breaker shall be equipped with micrologic type 5 and tsd ⩾ 0,1 and Ii Off.
When the limit of selectivity indicated in the table is 10 x Ir, the limit of selectivity is in fact the upstream magnetic threshold Isd.

Instantaneous trip pickup current (Ii)
The tables show the limit of selectivity assuming the instantaneous trip pickup current set to its maximum value and when it is inhibited (category B circuit breaker only).
■ When the limit of selectivity indicated in the table is 15 x In of the upstream device, the limit of selectivity is in fact the instantaneous trip pickup current of the upstream device.
■ When the upstream device is a type B circuit breaker and the downstream device is type A, the instantaneous trip pickup current of the upstream device may be set to below 15 x In as long as it remains higher than the reflex release threshold of the downstream device.

Short time tripping delay (Tsd)
When the upstream and downstream circuit breakers are fitted with a Micrologic 5.x, 6.x, 7.x: trip unit, the minimum non-tripping time of the upstream device must be greater than the maximum tripping time of the downstream device.

Tsd D1 > Tsd D2 (One band)

I^2t Off / On

The tables show the limit of selectivity assuming function I^2t OFF. If this is not the case, the user must verify that the curves do not overlap.

Ground Fault Protection (GFP) (Ig, Tg)
When the upstream and downstream circuit breakers are fitted with a Micrologic 6.x trip unit, the user must verify current and time selectivity:

current selectivity

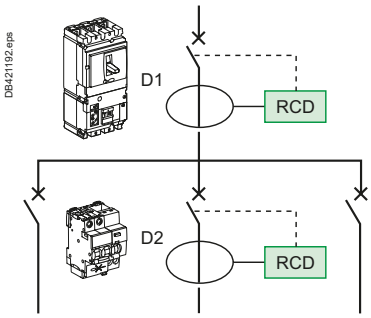
The setting of the tripping threshold of the upstream GFP is greater than that of the downstream GFP. Because of the tolerances on the settings, a difference of 30 % between the upstream threshold and the downstream threshold is sufficient.

time selectivity

The intentional time-delay setting for the upstream GFP is higher than the opening time of the downstream protection device. Furthermore, it is essential that the intentional time-delay applied to the upstream protection device observes the maximum insulation fault elimination time defined by NEC § 230.95 (i.e. 1 s for 3000 A).

Ig D1 ⩾ 1.3 Ig D2 Tg D1 > Tg D2 (One band)

Circuit breaker with vigi module (Add-On Residual Current Device - RCD):
When circuit breakers are equipped with vigi module, selectivity tables are valid for short-circuit. To ensure selectivity in case of earth fault, upstream and downstream vigi modules shall satisfy the following conditions:
■ the sensitivity of the upstream residual current device must be at least equal to three times the sensitivity of the downstream residual current device (IΔn D1 ⩾ 3 x IΔn D2),
■ the upstream residual current device must be:
□ of the selective (S) type (or setting) if the downstream residual current device is an instantaneous type,
□ of the delayed (R) type (or setting) if the downstream residual current device is a selective type.
The minimum non-tripping time of the upstream device will therefore be greater than the maximum tripping time of the downstream device for all current values (Δt (D1) > Δt (D2)).



Coordination between circuit breakers

Selectivity of modular circuit breakers

Using the selectivity tables

Depending on the network and the type of downstream circuit breaker, the selection table below indicates which table should be consulted to find out the selectivity value.
The selectivity values are given in colour-coded tables.
■ For 220-240 V/380-415 V 50/60 Hz systems:
□ in the case of a 2P downstream circuit breaker in a single-phase network (220-240 V), refer to the light green tables,
□ in the case of 1P, 1P+N, 3P, 3P+N, 4P and 2P circuit breakers in a two-phase network (380-415 V), refer to the dark green tables.

Selection table

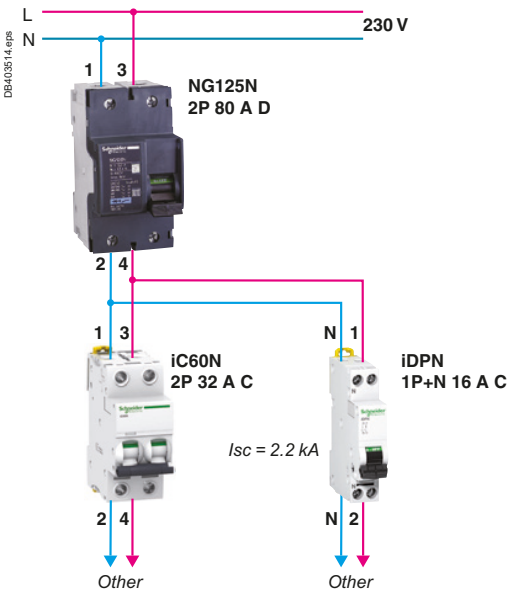
		Upstream network		
		DB123996.eps L1 N	DB123998.eps L1 L2 L3 N	DB123997.eps L1 L2 L3
Type of Downstream network	**Type of Downstream protection device**	**Ph/N 220-240 V**	**Ph/N 220-240 V** **Ph/Ph 380-415 V**	**Ph/Ph 380-415 V**
N L1 DB124079.eps	DB123991.eps 2P			
	DB124191.eps 1P; DB123992.eps 1P+N			
L1 L2 DB124192.eps	DB123991.eps 2P			
L1 L2 L3 DB124080.eps	DB123993.eps 3P			
N L1 L2 L3 DB124081.eps	DB123994.eps 4P			
	DB123993.eps 3P; DB123995.eps 3P+N			

Note: this selection table shows you the colour.
By taking your downstream protection device, the type of upstream network and its voltage you can refer to the corresponding selectivity table.

Coordination between circuit breakers

Selectivity of modular circuit breakers

Example: solution diagram



Upstream we have a NG125N 80 A 2P curve D and downstream an iC60N 32 A 2P curve C.
The network is 230 V between phase and neutral.
By referring to the light green table on the selectivity page for NG125N curve D with iC60 downstream, we find 2200 A.

If the downstream product is replaced by an iDPN 1P+N curve C, you will use the dark green table for NG125N curve D and iDPN1P+N downstream.
The selectivity level is 2400 A for a 16 A.

Specifications

We want to achieve continuity of service in the event of a fault downstream of the NG125N 80 A. This circuit has an Isc of 2.2 kA under a voltage of 230 V.
By referring to the table for 230 V, 1P+N network, we find that for an upstream NG125N curve D with a rating of 80 A, we can have total selectivity up to 16 A if we use an iC60N 1P+N and up to 32 A with an iC60N 2P.

Upstream		**NG125N/H/L**										
		Curve D										
In (A)		**10**	**16**	**20**	**25**	**32**	**40**	**50**	**63**	**80**	**100**	**125**
Downstream	**2P (220-240 V) single-phase network**											
Selectivity limit (A)												
iC60N/H/L Curve C	**0.5**	T	T	T	T	T	T	T	T	T	T	T
	1	T	T	T	T	T	T	T	T	T	T	T
	2	1200	T	T	T	T	T	T	T	T	T	T
	3	21	3400	3400	T	T	T	T	T	T	T	T
	4	18	1200	1300	5800	5600	T	T	T	T	T	T
	6	15	700	720	1900	1900	6000	11000	T	T	T	T
	10		22	480	1200	1200	2200	4200	10000	T	T	T
	13			28	51	900	1800	3000	7300	8000	T	T
	16				35	740	1300	2200	4700	5400	T	T
	20					46	88	1700	3500	3500	6900	T
	25						56	600	2500	2500	4600	6800
	32							80	2000	2200	3400	4400
	40								756	1900	2900	3500
	50									960	2300	2800
	63										2300	2800

4000 Selectivity limit = 4 kA.
T Total selectivity.
No selectivity.

Is > Isc
Total selectivity

Coordination between circuit breakers

Selectivity of modular circuit breakers

Contents

Downstream		Upstream								
Type		iDPN, iDPN N			iC60N/H/L			NG125N/H/L, C120N/H		
	Curve	B	C	D	B	C	D	B	C	D
iDPN	B	page 15	page 16	page 17	page 18	page 19	page 20	page 28	page 30	page 32
	C	page 15	page 16	page 17	page 18	page 19	page 20	page 28	page 30	page 32
	D	page 15	page 16	page 17	page 18	page 19	page 20	page 28	page 30	page 32
iDPN N	B	page 15	page 16	page 17	page 18	page 19	page 20	page 29	page 31	page 33
	C	page 15	page 16	page 17	page 18	page 19	page 20	page 29	page 31	page 33
	D	page 15	page 16	page 17	page 18	page 19	page 20	page 29	page 31	page 33
iC60N/H/L	B	-	-	-	page 22 page 23	page 24 page 25	page 26 page 27	page 34 page 41	page 36 page 37	page 38 page 39
	C	-	-	-	page 22 page 23	page 24 page 25	page 26 page 27	page 34 page 41	page 36 page 37	page 38 page 39
	D	-	-	-	page 22 page 23	page 24 page 25	page 26 page 27	page 34 page 41	page 36 page 37	page 38 page 39
C120, NG125	B	-	-	-	-	-	-	page 40 page 41	page 42 page 43	page 44 page 45
	C	-	-	-	-	-	-	page 40 page 41	page 42 page 43	page 44 page 45
	D	-	-	-	-	-	-	page 40 page 41	page 42 page 43	page 44 page 45

Selectivity between circuit breakers

In the following tables we show the level of selectivity between two LV circuits that are protected by circuit breakers.
This selectivity will be either:

- total: represented by a T (up to the breaking capacity of the downstream device),
- partial: selectivity limit current (Is) indicated. Below this value selectivity is ensured, above this value the upstream device is also involved in breaking,
- zero: no selectivity ensured.

Selectivity table

Upstream: iDPN, iDPN N curve B
Downstream: iDPN/iDPN N curves B, C, D

220-240/380-415 V AC

Upstream		iDPN, iDPN N Curve B										
In (A)		1	2	3	4	6	10	16	20	25	32	40
Downstream	**1P+N 3P, 3P+N**											
Selectivity limit (A)												
iDPN iDPN N Curve B	**1**		8	12	20	30	70	150	250	350	610	980
	2			12	16	30	60	110	180	240	340	450
	3					30	40	64	140	190	280	350
	4					10	40	64	120	160	220	280
	6						40	64	80	100	130	160
	10							64	80	100	130	160
	16									100	130	160
	20										130	160
	25											160
Selectivity limit (A)												
iDPN iDPN N Curve C	**1**		6	12	20	30	70	150	250	350	610	980
	2				12	30	60	110	180	240	340	450
	3					13	40	64	140	190	280	350
	4						32	64	120	160	220	280
	6							51	80	100	130	160
	10								64	80	130	160
	16										102	128
	20											128
Selectivity limit (A)												
iDPN iDPN N Curve D	**1**				12	30	70	150	250	350	610	980
	2					19	60	110	180	240	340	450
	3						32	64	140	190	280	350
	4							51	120	160	220	280
	6								64	80	130	160
	10										102	128
	16											128

Note: if you cannot find your combination, refer to the selection table on page 12

4000 Selectivity limit = 4 kA.

No selectivity.

Selectivity table

Upstream: iDPN, iDPN N curve C
Downstream: iDPN/iDPN N curves B, C, D

220-240/380-415 V AC

Upstream		iDPN, iDPN N Curve C										
In (A)		1	2	3	4	6	10	16	20	25	32	40
Downstream	**1P+N 3P, 3P+N**											
Selectivity limit (A)												
iDPN iDPN N Curve B	**1**		16	24	32	70	180	400	630	1200	T	T
	2			24	32	48	140	270	350	510	820	830
	3				32	48	80	210	290	380	630	650
	4					48	80	130	240	320	480	510
	6						80	130	160	200	320	380
	10							130	160	200	260	320
	16								160	200	260	320
	20										260	320
	25											320
	32											
Selectivity limit (A)												
iDPN iDPN N Curve C	**1**		16	24	32	70	180	400	630	1200	T	T
	2			24	32	48	140	270	350	510	820	830
	3				9	48	80	210	290	380	630	650
	4					10	80	130	240	320	480	510
	6						80	130	160	200	320	380
	10							130	160	200	260	320
	16								45	200	260	320
	20										260	320
	25											320
Selectivity limit (A)												
iDPN iDPN N Curve D	**1**		16	24	32	70	180	400	630	1200	T	T
	2				25	48	140	270	350	510	820	830
	3					13	80	210	290	380	630	650
	4						80	130	240	320	480	510
	6							128	160	200	320	380
	10								128	200	260	320
	16									141	153	320
	20											256

Note: if you cannot find your combination, refer to the selection table on page 12

4000	Selectivity limit = 4 kA.
T	Total selectivity.
	No selectivity.

Selectivity table

Upstream: iDPN, iDPN N curve D
Downstream: iDPN/iDPN N curves B, C, D

220-240/380-415 V AC

Upstream		iDPN, iDPN N Curve D										
In (A)		1	2	3	4	6	10	16	20	25	32	40
Downstream	**1P+N 3P, 3P+N**											
Selectivity limit (A)												
iDPN iDPN N Curve B	**1**		24	36	70	170	380	1200	T	T	T	T
	2			36	48	130	250	490	780	1100	1600	2300
	3				48	72	210	410	640	890	1400	1900
	4					72	120	330	500	670	970	1400
	6						120	190	390	520	740	1000
	10							190	240	300	580	810
	16									300	380	480
	20										380	480
	25											480
	32											480
	40											
Selectivity limit (A)												
iDPN iDPN N Curve C	**1**		24	36	70	170	380	1200	T	T	T	T
	2			36	48	130	250	490	780	1100	1600	2300
	3				9	72	210	410	640	890	1400	1900
	4					10	120	330	500	670	970	1400
	6							190	390	520	740	1000
	10							190	240	300	580	810
	16									300	380	480
	20										380	480
	25											480
Selectivity limit (A)												
iDPN iDPN N Curve D	**1**		24	36	70	170	380	1200	T	T	T	T
	2			36	48	130	250	490	780	1100	1600	2300
	3					14	210	410	640	890	1400	1900
	4					10	120	330	500	670	970	1400
	6						120	190	390	520	740	1000
	10							190	240	300	580	810
	16									300	380	480
	20										380	480
	25											480

Note: if you cannot find your combination, refer to the selection table on page 12

4000	Selectivity limit = 4 kA.
T	Total selectivity.
	No selectivity.

Selectivity table

Upstream: iC60N/H/L curve B
Downstream: iDPN/iDPN N curves B, C, D

220-240/380-415 V AC

Upstream		iC60N/H/L Curve B												
In (A)		2	3	4	6	10	13	16	20	25	32	40	50	63
Downstream	**1P+N 3P, 3P+N**													
Selectivity limit (A)														
iDPN iDPN N Curve B	**1**	8	12	16	30	60	80	110	130	150	270	410	450	620
	2		12	16	24	40	50	90	80	100	220	300	330	440
	3				24	40	50	64	80	100	210	270	300	410
	4				14	40	50	64	80	100	190	270	300	380
	6					40	50	64	80	100	130	240	250	250
	10							64	80	100	130	160	200	250
	16									100	130	160	200	250
	20										130	160	200	250
	25											160	200	250
	32												200	250
	40													250
Selectivity limit (A)														
iDPN iDPN N Curve C	**1**		12	16	30	60	80	110	130	150	270	410	450	620
	2			5	24	40	50	90	80	100	220	300	330	440
	3				17	40	50	64	80	100	210	270	300	410
	4					34	50	64	80	100	190	270	300	380
	6							47	80	100	130	240	250	250
	10								64	80	130	160	200	250
	16										102	128	200	250
	20											128	160	250
	25												160	201
	32													201
Selectivity limit (A)														
iDPN iDPN N Curve D	**1**			12	30	60	80	110	130	150	270	410	450	620
	2				19	40	50	90	80	100	220	300	330	440
	3					32	50	64	80	100	210	270	300	410
	4							51	80	100	190	270	300	380
	6								59	78	130	240	250	250
	10										102	128	200	250
	16											128	160	201
	20												160	201
	25													201

Note: if you cannot find your combination, refer to the selection table on page 12

4000 Selectivity limit = 4 kA.

No selectivity.

Selectivity table

Upstream: iC60N/H/L curve C
Downstream: iDPN/iDPN N curves B, C, D

220-240/380-415 V AC

Upstream		iC60N/H/L Curve C													
In (A)		1	2	3	4	6	10	13	16	20	25	32	40	50	63
Downstream	**1P+N 3P, 3P+N**														
Selectivity limit (A)															
iDPN iDPN N Curve B	**1**		16	24	32	48	80	100	210	270	390	540	790	1500	1600
	2			24	32	48	80	100	130	160	300	410	540	910	930
	3				5	48	80	100	130	160	200	260	510	750	760
	4					48	80	100	130	160	200	260	480	720	760
	6						80	100	130	160	200	260	320	400	500
	10							100	130	160	200	260	320	400	500
	16										200	260	320	400	500
	20											260	320	400	500
	25												320	400	500
	32													400	500
	40														500
Selectivity limit (A)															
iDPN iDPN N Curve C	**1**		16	24	32	48	80	100	210	270	390	540	790	1500	1600
	2			24	32	48	80	100	130	160	300	410	540	910	930
	3					48	80	100	130	160	200	260	510	750	760
	4					14	80	100	130	160	200	260	480	720	760
	6						80	100	130	160	200	260	320	400	500
	10								130	160	200	260	320	400	500
	16										83	260	320	400	500
	20											260	320	400	500
	25												124	400	500
	32													163	500
	40														186
Selectivity limit (A)															
iDPN iDPN N Curve D	**1**		16	24	32	48	80	100	210	270	390	540	790	1500	1600
	2				25	48	80	100	130	160	300	410	540	910	930
	3						80	100	130	160	200	260	510	750	760
	4						80	100	130	160	200	260	480	720	760
	6							100	130	160	200	260	320	400	500
	10										200	260	320	400	500
	16										83	165	320	400	500
	20												151	400	500
	25													176	500
	32														255

Note: if you cannot find your combination, refer to the selection table on page 12

4000 Selectivity limit = 4 kA.

No selectivity.

Selectivity table

Upstream: iC60N/H/L curve D
Downstream: iDPN/iDPN N curves B, C, D

220-240/380-415 V AC

Upstream		iC60N/H/L Curve D													
In (A)		1	2	3	4	6	10	13	16	20	25	32	40	50	63
Downstream	**1P+N 3P, 3P+N**														
Selectivity limit (A)															
iDPN iDPN N Curve B	**1**		30	50	70	72	120	260	350	540	700	1100	1500	2000	2000
	2			36	48	72	120	160	190	390	510	700	960	1500	2000
	3				5	72	120	160	190	360	450	580	840	1200	1500
	4					72	120	160	190	240	450	580	780	1100	1400
	6						120	160	190	240	300	380	720	1000	1200
	10							160	190	240	300	380	480	600	760
	16										300	380	480	600	760
	20											380	480	600	760
	25												480	600	760
	32													600	760
	40														760
Selectivity limit (A)															
iDPN iDPN N Curve C	**1**		30	50	70	72	120	260	350	540	700	1100	1500	2000	2000
	2			36	48	72	120	160	190	390	510	700	960	1500	2000
	3				5	72	120	160	190	360	450	580	840	1200	1500
	4					14	120	160	190	240	450	580	780	1100	1400
	6						120	160	190	240	300	380	720	1000	1200
	10							34	190	240	300	380	480	600	760
	16										300	380	480	600	760
	20											380	480	600	760
	25												124	600	760
	32													163	760
	40														186
Selectivity limit (A)															
iDPN iDPN N Curve D	**1**		30	50	70	72	120	260	350	540	700	1100	1500	2000	2000
	2			36	48	72	120	160	190	390	510	700	960	1500	2000
	3					17	120	160	190	360	450	580	840	1200	1500
	4					14	120	160	190	240	450	580	780	1100	1400
	6						120	160	190	240	300	380	720	1000	1200
	10								57	240	300	380	480	600	760
	16										83	380	480	600	760
	20											155	151	600	760
	25												124	180	760
	32													163	760
	40														186

Note: if you cannot find your combination, refer to the selection table on page 12

4000 Selectivity limit = 4 kA.

No selectivity.

Selectivity table

Upstream: iC60N/H/L curve B
Downstream: iC60N/H/L curves B, C, D

220-240/380-415 V AC

Upstream		iC60N/H/L Curve B													
In (A)		1	2	3	4	6	10	13	16	20	25	32	40	50	63
Downstream	**1P, 1P+N, 2P (380-415 V) two-phase network 3P, 3P+N, 4P**														
Selectivity limit (A)															
iC60N/H/L Curve B	**0.5**	4	10	40	60	T	T	T	T	T	T	T	T	T	T
	1		10	12	16	40	70	120	170	210	300	780	1300	1700	4000
	2			12	16	30	60	90	130	140	200	370	520	630	960
	3					30	40	70	90	120	150	250	380	460	670
	4					30	40	52	90	80	100	250	310	380	470
	6						40	52	64	80	100	190	290	300	440
	10								64	80	100	130	240	200	380
	13									80	100	130	240	200	250
	16										100	130	160	200	250
	20											130	160	200	250
	25												160	200	250
	32													200	250
	40														250
	50														
Selectivity limit (A)															
iC60N/H/L Curve C	**0.5**		10	40	60	T	T	T	T	T	T	T	T	T	T
	1				16	30	70	120	170	210	300	780	1300	1700	4000
	2				16	18	60	90	130	160	200	370	520	630	960
	3					15	40	70	90	120	150	250	380	460	670
	4						27	52	90	80	100	250	310	380	470
	6								51	80	100	190	290	300	440
	10									64	80	130	240	200	250
	13											102	160	200	250
	16											102	128	200	250
	20												128	160	250
	25													160	200
	32														200
Selectivity limit (A)															
iC60N/H/L Curve D	**0.5**			30	50	T	T	T	T	T	T	T	T	T	T
	1				12	30	60	120	170	210	300	780	1300	1700	4000
	2					19	40	70	110	140	180	370	520	630	860
	3						31	41	90	120	150	250	380	460	670
	4								48	80	100	220	310	340	470
	6									64	80	190	240	300	380
	10											100	128	200	250
	13												128	160	250
	16												128	160	200
	20													160	200
	25														200

Note: if you cannot find your combination, refer to the selection table on page 12

4000 Selectivity limit = 4 kA.

T Total selectivity.

No selectivity.

Selectivity table

Upstream: iC60N/H/L curve B
Downstream: iC60N/H/L curves B, C, D

220-240/380-415 V AC

Upstream		iC60N/H/L Curve B													
In (A)		1	2	3	4	6	10	13	16	20	25	32	40	50	63
Downstream	**2P (220-240 V) single-phase network**														
Selectivity limit (A)															
iC60N/H/L Curve B	**0.5**	4	210	T	T	T	T	T	T	T	T	T	T	T	T
	1		10	20	20	60	110	260	530	790	2000	T	T	T	T
	2			12	16	30	70	140	200	250	400	880	1700	2500	5300
	3					30	40	90	130	160	250	550	800	1100	1400
	4						40	70	110	120	180	370	520	630	960
	6						40	52	64	80	100	270	380	460	630
	10								64	80	100	190	290	300	440
	13									80	100	130	240	200	380
	16										100	130	240	200	250
	20											130	160	200	250
	25												160	200	250
	32													200	250
	40														250
	50														
Selectivity limit (A)															
iC60N/H/L Curve C	**0.5**		170	T	T	T	T	T	T	T	T	T	T	T	T
	1				20	60	110	260	530	790	2000	T	T	T	T
	2				16	18	70	140	200	250	400	880	1700	2500	5300
	3					15	40	90	130	160	230	550	800	1100	1400
	4						27	70	90	120	180	370	520	630	860
	6								51	80	100	230	380	410	630
	10									64	80	130	240	300	440
	13											102	240	200	380
	16											102	128	200	250
	20												128	160	250
	25													160	200
	32														200
Selectivity limit (A)															
iC60N/H/L Curve D	**0.5**			T	T	T	T	T	T	T	T	T	T	T	T
	1				12	50	110	260	530	790	2000	T	T	T	T
	2					19	60	120	200	250	350	1100	1700	2500	5300
	3						31	41	110	140	230	490	800	960	1400
	4								48	80	150	310	450	630	860
	6									64	80	230	330	410	500
	10											100	128	200	380
	13												128	160	250
	16												128	160	200
	20													160	200
	25														200

Note: the selectivity limits given in the table must be compared to the phase/neutral fault current (Ik1).
If the max. phase/earth fault current (If) is high, the selectivity of this fault current should also be verified by referring to the limits given in the dark green part of the table.

Selectivity table

Upstream: iC60N/H/L curve C
Downstream: iC60N/H/L curves B, C, D

220-240/380-415 V AC

Upstream		iC60N/H/L Curve C													
In (A)		1	2	3	4	6	10	13	16	20	25	32	40	50	63
Downstream	**1P, 1P+N, 2P (380-415 V) two-phase network 3P, 3P+N, 4P**														
Selectivity limit (A)															
iC60N/H/L Curve B	**0.5**	8	60	T	T	T	T	T	T	T	T	T	T	T	T
	1		16	24	32	70	180	210	370	590	1100	2400	7000	T	T
	2			24	32	48	140	160	220	310	460	780	1200	2000	2000
	3				5	48	120	104	190	280	380	580	820	1400	1400
	4					14	80	104	130	240	300	430	590	1000	1100
	6						80	104	130	160	200	380	480	770	850
	10							104	130	160	200	260	320	680	500
	13									160	200	260	320	600	500
	16										200	260	320	600	500
	20											260	320	400	500
	25												320	400	500
	32													400	500
	40														500
	50														
Selectivity limit (A)															
iC60N/H/L Curve C	**0.5**	8	50	T	T	T	T	T	T	T	T	T	T	T	T
	1		16	24	32	70	180	210	370	590	1100	2400	7900	T	T
	2			24	32	48	120	160	220	310	460	780	1200	2000	2000
	3					16	80	104	190	280	380	480	820	1400	1400
	4					14	80	104	130	160	300	430	590	1000	1100
	6						80	104	130	160	200	380	480	770	850
	10								130	160	200	260	320	680	500
	13									55	200	260	320	600	500
	16										71	260	320	400	500
	20											260	320	400	500
	25												127	400	500
	32													168	500
	40														500
	50														
Selectivity limit (A)															
iC60N/H/L Curve D	**0.5**		50	T	T	T	T	T	T	T	T	T	T	T	T
	1			24	32	70	180	210	370	590	1100	2400	7900	T	T
	2				25	48	120	160	220	310	460	680	1200	2000	2000
	3					15	80	104	130	240	380	480	710	1400	1400
	4						28	100	130	160	300	430	590	1000	910
	6								130	160	200	260	480	770	760
	10									73	200	260	320	600	500
	13										79	260	320	600	500
	16										71	194	320	400	500
	20												135	400	500
	25													174	500
	32														277
	40														

Note: if you cannot find your combination, refer to the selection table on page 12

4000 Selectivity limit = 4 kA.

T Total selectivity.

No selectivity.

Selectivity table

Upstream: iC60N/H/L curve C
Downstream: iC60N/H/L curves B, C, D

220-240/380-415 V AC

Upstream		iC60N/H/L Curve C													
In (A)		1	2	3	4	6	10	13	16	20	25	32	40	50	63
Downstream	**2P (220-240 V) single-phase network**														
Selectivity limit (A)															
iC60N/H/L Curve B	**0.5**	20	T	T	T	T	T	T	T	T	T	T	T	T	T
	1		20	40	50	120	540	940	2700	T	T	T	T	T	T
	2			24	32	70	210	260	430	800	1500	3600	7900	52000	53000
	3				5	48	140	180	250	450	710	1200	2100	11000	9800
	4					14	120	160	220	310	460	680	940	2000	2000
	6						80	104	130	240	350	510	770	1300	1100
	10							104	130	160	200	380	550	930	950
	13									160	200	260	480	770	760
	16										200	260	320	400	500
	20											260	320	400	500
	25												320	400	500
	32													400	500
	40														500
	50														
Selectivity limit (A)															
iC60N/H/L Curve C	**0.5**	20	T	T	T	T	T	T	T	T	T	T	T	T	T
	1		20	40	50	120	540	940	2700	T	T	T	T	T	T
	2			24	32	70	210	260	430	660	1500	3600	7900	60000	53000
	3					16	140	180	250	380	710	1200	2100	11000	9800
	4					14	120	104	190	310	460	680	940	2000	2000
	6						80	104	130	160	350	510	620	1300	1100
	10								130	160	200	260	480	770	850
	13									55	200	260	480	770	760
	16										78	260	320	400	500
	20											260	320	400	500
	25												127	400	500
	32													168	500
	40														500
	50														
Selectivity limit (A)															
iC60N/H/L Curve D	**0.5**		T	T	T	T	T	T	T	T	T	T	T	T	T
	1			30	50	120	540	940	2700	T	T	T	T	T	T
	2				25	48	210	260	430	800	1500	3600	7900	60000	53000
	3					15	120	160	250	380	630	1200	2100	11000	9800
	4						28	100	190	280	460	680	940	2000	2000
	6								130	160	300	450	620	1100	1100
	10									73	200	260	480	770	850
	13										79	260	320	680	760
	16										71	194	320	400	500
	20												135	400	500
	25													174	500
	32														277
	40														

Note: the selectivity limits given in the table must be compared to the phase/neutral fault current (Ik1).
If the max. phase/earth fault current (If) is high, the selectivity of this fault current should also be verified by referring to the limits given in the dark green part of the table.

Selectivity table

Upstream: iC60N/H/L curve D
Downstream: iC60N/H/L curves B, C, D

220-240/380-415 V AC

Upstream		iC60N/H/L Curve D													
In (A)		1	2	3	4	6	10	13	16	20	25	32	40	50	63
Downstream	**1P, 1P+N, 2P (380-415 V) two-phase network 3P, 3P+N, 4P**														
Selectivity limit (A)															
iC60N/H/L Curve B	**0.5**	20	T	T	T	T	T	T	T	T	T	T	T	T	T
	1		30	50	70	150	290	510	770	2000	3900	T	T	T	T
	2			36	48	110	210	300	450	730	890	1400	2300	5000	6800
	3				5	72	180	230	330	550	670	1100	1300	2800	4300
	4					72	120	160	290	410	560	840	1000	2000	2400
	6						120	160	190	360	450	660	910	1300	1600
	10							28	190	240	300	380	720	1100	1400
	13									240	300	380	480	900	1100
	16										300	380	480	900	1100
	20											380	480	600	760
	25												480	600	760
	32													600	760
	40														760
	50														
Selectivity limit (A)															
iC60N/H/L Curve C	**0.5**	20	T	T	T	T	T	T	T	T	T	T	T	T	T
	1		30	50	70	150	290	510	770	2000	3900	T	T	T	T
	2			36	48	110	210	300	450	730	890	1600	2300	5000	6800
	3				5	15	120	230	330	550	670	1100	1300	2800	4300
	4					13	120	160	290	410	560	710	1000	2000	2400
	6						120	160	190	360	450	660	910	1300	1600
	10							28	49	240	300	380	720	1100	1100
	13									52	300	380	480	900	1100
	16										71	380	480	900	760
	20											380	480	600	760
	25												105	600	760
	32													153	760
	40														760
	50														
Selectivity limit (A)															
iC60N/H/L Curve D	**0.5**	20	T	T	T	T	T	T	T	T	T	T	T	T	T
	1		30	50	70	150	290	510	770	2000	3900	T	T	T	T
	2			36	48	110	210	300	370	640	890	1600	2300	5000	6800
	3					15	120	230	330	450	670	970	1300	2800	3800
	4					13	28	160	190	410	560	710	1000	1600	2400
	6						32	160	190	240	450	580	810	1300	1600
	10								49	73	300	380	480	1100	1100
	13									52	80	380	480	900	1100
	16										71	380	480	900	760
	20											105	135	600	760
	25												105	174	760
	32													153	760
	40														245
	50														

Note: if you cannot find your combination, refer to the selection table on page 12

4000 Selectivity limit = 4 kA.

T Total selectivity.

No selectivity.

Selectivity table

Upstream: iC60N/H/L curve D
Downstream: iC60N/H/L curves B, C, D

220-240/380-415 V AC

Upstream		iC60N/H/L Curve D													
In (A)		1	2	3	4	6	10	13	16	20	25	32	40	50	63
Downstream	**2P (220-240 V) single-phase network**														
Selectivity limit (A)															
iC60N/H/L Curve B	**0.5**	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	1		50	100	130	340	1600	10000	T	T	T	T	T	T	T
	2			50	80	150	350	650	1100	2600	5800	16000	45000	T	T
	3				5	110	240	370	530	920	1600	3800	9500	T	T
	4					72	180	270	370	640	890	1400	2300	7100	12000
	6						120	160	290	480	590	900	1300	2200	2600
	10							28	190	360	450	660	910	1500	1900
	13									240	450	580	810	1300	1600
	16										300	380	720	1100	1400
	20											380	480	900	1100
	25												480	900	760
	32													600	760
	40														760
	50														
Selectivity limit (A)															
iC60N/H/L Curve C	**0.5**	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	1		50	100	130	340	1600	10000	T	T	T	T	T	T	T
	2			50	70	150	350	580	1100	2600	5800	16000	45000	T	T
	3				5	15	240	370	530	920	1600	3800	9500	T	T
	4					13	180	270	370	640	890	1400	1900	7100	12000
	6						120	160	290	480	590	900	1300	2200	2600
	10							28	190	360	450	660	910	1500	1900
	13									52	300	580	810	1300	1600
	16										71	380	720	1100	1400
	20											380	480	900	1100
	25												105	600	760
	32													153	760
	40														760
	50														
Selectivity limit (A)															
iC60N/H/L Curve D	**0.5**	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	1		40	80	130	340	1600	10000	T	T	T	T	T	T	T
	2			50	70	150	350	650	1200	2600	5800	16000	45000	T	T
	3					15	210	300	530	920	1600	3800	9500	T	T
	4					13	28	230	370	640	890	1400	1900	7100	12000
	6						32	160	190	420	590	900	1100	2200	2600
	10								49	73	450	660	910	1500	1900
	13									52	300	380	720	1300	1600
	16										71	380	480	1100	1400
	20											105	480	900	1100
	25												105	174	760
	32													153	760
	40														245
	50														

Note: the selectivity limits given in the table must be compared to the phase/neutral fault current (Ik1).
If the max. phase/earth fault current (If) is high, the selectivity of this fault current should also be verified by referring to the limits given in the dark green part of the table.

Selectivity table

Upstream: NG125N/H/L, C120N/H curve B
Downstream: iDPN curves B, C, D

220-240/380-415 V AC

Upstream		NG125N/H/L, C120N/H Curve B										
In (A)		10	16	20	25	32	40	50	63	80	100	125
Downstream	**1P+N 3P, 3P+N**											
Selectivity limit (A)												
iDPN Curve B	**1**	300	500	700	1000	1500	2000	2500	T	T	T	T
	2	150	300	500	700	1000	1500	2000	T	T	T	T
	3	40	64	300	500	700	1000	1500	T	T	T	T
	4	40	64	80	400	500	700	800	3000	T	T	T
	6	40	64	80	400	500	700	800	3000	T	T	T
	10		64	80	100	130	500	600	1800	3000	T	T
	16				100	130	160	200	1000	2000	3300	3750
	20					52	160	200	1000	1600	2500	3700
	25						59	200	800	1300	2100	3700
	32							200	600	1000	1800	2700
	40								112	320	1600	2400
Selectivity limit (A)												
iDPN Curve C	**1**	300	500	700	1000	1500	2000	2500	T	T	T	T
	2	150	300	500	700	1000	1500	2000	T	T	T	T
	3	40	64	300	500	700	1000	1500	T	T	T	T
	4	40	64	80	400	500	700	800	3000	T	T	T
	6		51	80	100	500	700	800	3000	T	T	T
	10				80	130	500	600	1800	3000	4000	T
	16					98	128	200	1000	2000	3300	3700
	20						128	160	1000	1600	2500	3700
	25							160	201	1300	2100	3700
	32								201	256	1800	2700
	40									255	320	2400
Selectivity limit (A)												
iDPN Curve D	**1**	300	500	700	1000	1500	2000	2500	T	T	T	T
	2	150	300	500	700	1000	1500	2000	T	T	T	T
	3		64	300	500	700	1000	1500	T	T	T	T
	4			80	400	500	700	800	3000	T	T	T
	6					500	700	800	3000	T	T	T
	10							600	1800	3000	4000	T
	16								201	2000	3300	3700
	20								201	256	2500	3700
	25								201	256	320	3700
	32									256	320	400
	40										320	400

Note: if you cannot find your combination, refer to the selection table on page 12

4000 Selectivity limit = 4 kA.

T Total selectivity.

No selectivity.

Selectivity table

Upstream: NG125N/H/L, C120N/H curve B
Downstream: iDPN N curves B, C, D

220-240/380-415 V AC

Upstream		NG125N/H/L, C120N/H Curve B										
In (A)		10	16	20	25	32	40	50	63	80	100	125
Downstream	**1P+N 3P, 3P+N**											
Selectivity limit (A)												
iDPN N Curve B	**1**	300	500	700	1000	1500	2000	2500	T	T	T	T
	2	150	300	500	700	1000	1500	2000	T	T	T	T
	3	40	64	300	500	700	1000	1500	T	T	T	T
	4	40	64	80	400	500	700	800	3000	T	T	T
	6	40	64	80	400	500	700	800	3000	T	T	T
	10		64	80	100	130	500	600	1800	3000	T	T
	16				100	130	160	200	1000	2000	3300	3750
	20					52	160	200	1000	1600	2500	3700
	25						59	200	800	1300	2100	3700
	32							200	600	1000	1800	2700
	40								112	320	1600	2400
Selectivity limit (A)												
iDPN N Curve C	**1**	300	500	700	1000	1500	2000	2500	T	T	T	T
	2	150	300	500	700	1000	1500	2000	T	T	T	T
	3	40	64	300	500	700	1000	1500	T	T	T	T
	4	40	64	80	400	500	700	800	3000	T	T	T
	6		51	80	100	500	700	800	3000	T	T	T
	10				80	130	500	600	1800	3000	4000	T
	16					98	128	200	1000	2000	3300	3700
	20						128	160	1000	1600	2500	3700
	25							160	201	1300	2100	3700
	32								201	256	1800	2700
	40									255	320	2400
Selectivity limit (A)												
iDPN N Curve D	**1**	300	500	700	1000	1500	2000	2500	T	T	T	T
	2	150	300	500	700	1000	1500	2000	T	T	T	T
	3		64	300	500	700	1000	1500	T	T	T	T
	4			80	400	500	700	800	3000	T	T	T
	6					500	700	800	3000	T	T	T
	10							600	1800	3000	4000	T
	16								201	2000	3300	3700
	20								201	256	2500	3700
	25								201	256	320	3700
	32									256	320	400
	40										320	400

Note: if you cannot find your combination, refer to the selection table on page 12

4000 Selectivity limit = 4 kA.

T Total selectivity.

No selectivity.

Selectivity table

Upstream: NG125N/H/L, C120N/H curve C
Downstream: iDPN curves B, C, D

220-240/380-415 V AC

Upstream		NG125N/H/L, C120N/H Curve C										
In (A)		10	16	20	25	32	40	50	63	80	100	125
Downstream	**1P+N 3P, 3P+N**											
Selectivity limit (A)												
iDPN Curve B	**1**	300	500	700	1000	T	T	T	T	T	T	T
	2	150	300	500	700	1000	1500	T	T	T	T	T
	3	120	200	300	500	700	1000	1500	T	T	T	T
	4	80	130	170	400	500	700	800	3000	T	T	T
	6	80	130	170	400	500	700	800	3000	T	T	T
	10		130	160	200	350	500	600	1800	3000	T	T
	16				200	270	340	450	1250	2000	3300	3700
	20					52	320	400	1000	1600	2500	3700
	25						59	400	800	1300	2100	3700
	32							95	600	1000	1800	2700
	40								112	700	1600	2400
Selectivity limit (A)												
iDPN Curve C	**1**	300	500	700	1000	T	T	T	T	T	T	T
	2	150	300	500	700	1000	1500	T	T	T	T	T
	3	120	200	300	500	700	1000	1500	T	T	T	T
	4	21	200	170	400	500	700	800	3000	4500	4500	T
	6	18	200	170	400	500	700	800	3000	4500	4500	T
	10		25	160	200	350	500	600	1800	3000	4500	4500
	16				200	270	340	450	1250	2000	3300	3700
	20					52	320	400	1000	1600	2500	3700
	25						59	400	800	1300	2100	3700
	32							95	800	1000	1800	2700
	40								112	257	1600	2400
Selectivity limit (A)												
iDPN Curve D	**1**	300	500	700	1000	T	T	T	T	T	T	T
	2	150	300	500	700	1000	1500	T	T	T	T	T
	3	120	200	300	500	700	1000	1500	T	T	T	T
	4	21	200	170	400	500	700	800	3000	4500	4500	T
	6				400	500	700	800	3000	4500	4500	T
	10				200	450	500	600	1800	3000	4500	4500
	16							450	1000	2000	3300	3700
	20								1000	1600	2500	3700
	25								800	1300	2100	3700
	32										1800	2700
	40											2400

Note: if you cannot find your combination, refer to the selection table on page 12

4000 Selectivity limit = 4 kA.

T Total selectivity.

No selectivity.

Selectivity table

Upstream: NG125N/H/L, C120N/H curve C
Downstream: iDPN N curves B, C, D

220-240/380-415 V AC

Upstream		NG125N/H/L, C120N/H Curve C										
In (A)		10	16	20	25	32	40	50	63	80	100	125
Downstream	**1P+N 3P, 3P+N**											
Selectivity limit (A)												
iDPN N Curve B	**1**	300	500	700	1000	T	T	T	T	T	T	T
	2	150	300	500	700	1000	1500	T	T	T	T	T
	3	120	200	300	500	700	1000	1500	T	T	T	T
	4	80	130	170	400	500	700	800	3000	T	T	T
	6	80	130	170	400	500	700	800	3000	T	T	T
	10		130	160	200	350	500	600	1800	3000	T	T
	16				200	270	340	450	1250	2000	3300	3700
	20					52	320	400	1000	1600	2500	3700
	25						59	400	800	1300	2100	3700
	32							95	600	1000	1800	2700
	40								112	700	1600	2400
Selectivity limit (A)												
iDPN N Curve C	**1**	300	500	700	1000	T	T	T	T	T	T	T
	2	150	300	500	700	1000	1500	T	T	T	T	T
	3	120	200	300	500	700	1000	1500	T	T	T	T
	4	21	200	170	400	500	700	800	3000	4500	4500	T
	6	18	200	170	400	500	700	800	3000	4500	4500	T
	10		25	160	200	350	500	600	1800	3000	4500	4500
	16				200	270	340	450	1000	2000	3300	3700
	20					52	320	400	1000	1600	2500	3700
	25						59	400	800	1300	2100	3700
	32							95	800	1000	1800	2700
	40								112	257	1600	2400
Selectivity limit (A)												
iDPN N Curve D	**1**	300	500	700	1000	T	T	T	T	T	T	T
	2	150	300	500	700	1000	1500	T	T	T	T	T
	3	120	200	300	500	700	1000	1500	T	T	T	T
	4	21	200	170	400	500	700	800	3000	4500	4500	T
	6				400	500	700	800	3000	4500	4500	T
	10				200	450	500	600	1800	3000	4500	4500
	16							450	1000	2000	3300	3700
	20								1000	1600	2500	3700
	25								800	1300	2100	3700
	32										1800	2700
	40											2400

Note: if you cannot find your combination, refer to the selection table on page 12

4000	Selectivity limit = 4 kA.
T	Total selectivity.
	No selectivity.

Selectivity table

Upstream: NG125N/H/L, C120N/H curve D
Downstream: iDPN curves B, C, D

220-240/380-415 V AC

Upstream		NG125N/H/L, C120N/H Curve D										
In (A)		10	16	20	25	32	40	50	63	80	100	125
Downstream	**1P+N 3P, 3P+N**											
Selectivity limit (A)												
iDPN Curve B	**1**	350	T	T	T	T	T	T	T	T	T	T
	2	240	770	830	2000	2200	4800	T	T	T	T	T
	3	180	610	640	1600	1700	3800	T	T	T	T	T
	4	120	450	500	1000	1100	1900	4600	T	T	T	T
	6	120	340	360	730	740	1200	2600	4700	T	T	T
	10		192	240	550	580	860	1600	2800	3500	5600	T
	16				300	380	480	1200	1900	2400	3600	4200
	20					380	480	1000	1500	2000	2900	3300
	25						59	950	1400	1700	2600	2900
	32							600	1100	1600	2200	2600
	40								756	1400	2100	2400
Selectivity limit (A)												
iDPN Curve C	**1**	350	T	T	T	T	T	T	T	T	T	T
	2	240	770	830	2000	2200	4800	T	T	T	T	T
	3	180	610	640	1600	1700	3800	T	T	T	T	T
	4	120	450	500	1000	1100	1900	4600	T	T	T	T
	6	18	192	360	730	740	1200	2600	4700	T	T	T
	10		29	240	550	580	860	1600	2800	3500	5600	T
	16				49	380	480	1200	1900	2400	3600	4200
	20					52	480	1000	1500	2000	2900	3300
	25						59	600	1400	1700	2600	2900
	32							95	1100	1600	2200	2600
	40								756	960	2100	2400
Selectivity limit (A)												
iDPN Curve D	**1**	350	T	T	T	T	T	T	T	T	T	T
	2	240	770	830	2000	2200	4800	T	T	T	T	T
	3	120	610	640	1600	1700	3800	T	T	T	T	T
	4	21	450	500	1000	1100	1900	4600	T	T	T	T
	6	18	192	360	730	740	1200	2600	4700	T	T	T
	10		25	240	300	580	860	1600	2800	3500	5600	T
	16				49	380	480	1200	1900	2400	3600	4200
	20					52	480	1000	1500	2000	2900	3300
	25						59	600	756	1700	2600	2900
	32							95	756	1600	2200	2600
	40								756	960	2100	2400

Note: if you cannot find your combination, refer to the selection table on page 12

4000	Selectivity limit = 4 kA.
T	Total selectivity.
	No selectivity.

Selectivity table

Upstream: NG125N/H/L, C120N/H curve D
Downstream: iDPN N curves B, C, D

220-240/380-415 V AC

Upstream		NG125N/H/L, C120N/H Curve D										
In (A)		10	16	20	25	32	40	50	63	80	100	125
Downstream	**1P+N 3P, 3P+N**											
Selectivity limit (A)												
iDPN N Curve B	1	350	T	T	T	T	T	T	T	T	T	T
	2	240	770	830	2000	2200	4800	T	T	T	T	T
	3	180	610	640	1600	1700	3800	T	T	T	T	T
	4	120	450	500	1000	1100	1900	4600	T	T	T	T
	6	120	340	360	730	740	1200	2600	4700	6200	T	T
	10		192	240	550	580	860	1600	2800	3500	5600	7300
	16				300	380	480	1200	1900	2400	3600	4200
	20					380	480	1000	1500	2000	2900	3300
	25						59	950	1400	1700	2600	2900
	32							600	1100	1600	2200	2600
	40								756	1400	2100	2400
Selectivity limit (A)												
iDPN N Curve C	1	350	T	T	T	T	T	T	T	T	T	T
	2	240	770	830	2000	2200	4800	T	T	T	T	T
	3	180	610	640	1600	1700	3800	T	T	T	T	T
	4	120	450	500	1000	1100	1900	4600	T	T	T	T
	6	18	192	360	730	740	1200	2600	4700	6200	T	T
	10		29	240	550	580	860	1600	2800	3500	5600	7300
	16				49	380	480	1200	1900	2400	3600	4200
	20					52	480	1000	1500	2000	2900	3300
	25						59	600	1400	1700	2600	2900
	32							95	1100	1600	2200	2600
	40								756	960	2100	2400
Selectivity limit (A)												
iDPN N Curve Da	1	350	T	T	T	T	T	T	T	T	T	T
	2	240	770	830	2000	2200	4800	T	T	T	T	T
	3	120	610	640	1600	1700	3800	T	T	T	T	T
	4	21	450	500	1000	1100	1900	4600	T	T	T	T
	6	18	192	360	730	740	1200	2600	4700	6200	T	T
	10		25	240	300	580	860	1600	2800	3500	5600	7300
	16				49	380	480	1200	1900	2400	3600	4200
	20					52	480	1000	1500	2000	2900	3300
	25						59	600	756	1700	2600	2900
	32							95	756	1600	2200	2600
	40								756	960	2100	2400

Note: if you cannot find your combination, refer to the selection table on page 12

4000	Selectivity limit = 4 kA.
T	Total selectivity.
	No selectivity.

Selectivity table

Upstream: NG125N/H/L, C120N/H curve B
Downstream: iC60N/H/L curves B, C, D

220-240/380-415 V AC

Upstream		NG125N/H/L, C120N/H Curve B										
In (A)		10	16	20	25	32	40	50	63	80	100	125
Downstream	**1P, 1P+N, 2P (380-415 V) two-phase network 3P, 3P+N, 4P**											
Selectivity limit (A)												
iC60N/H/L Curve B	**0.5**	T	T	T	T	T	T	T	T	T	T	T
	1	70	150	210	350	550	2000	2500	T	T	T	T
	2	60	110	140	230	310	590	630	1200	2100	3900	9700
	3	40	90	120	180	220	380	460	770	1400	2000	5300
	4	40	64	80	150	190	310	380	570	940	1400	2400
	6	15	64	80	100	130	290	300	440	620	930	1700
	10		22	80	100	130	200	200	380	550	770	1300
	13			28	100	130	160	200	380	480	680	1100
	16				35	130	160	200	250	320	600	940
	20					46	160	200	250	320	400	850
	25						56	200	250	320	400	750
	32							80	250	320	400	500
	40								250	320	400	500
	50									320	400	500
	63											500
Selectivity limit (A)												
iC60N/H/L Curve C	**0.5**	T	T	T	T	T	T	T	T	T	T	T
	1	70	150	210	350	550	2000	2500	T	T	T	T
	2	40	110	140	230	250	590	630	1200	2100	3900	9700
	3	30	64	120	180	220	380	460	770	1400	2000	5300
	4		64	80	150	190	310	340	570	940	1400	2400
	6			80	100	130	290	300	440	620	930	1700
	10					130	160	200	380	550	770	1100
	13						160	200	250	480	680	940
	16							200	250	320	600	940
	20									320	400	850
	25									320	400	750
	32											500
	40											500
Selectivity limit (A)												
iC60N/H/L Curve D	**0.5**	T	T	T	T	T	T	T	T	T	T	T
	1	60	150	210	350	550	2000	2500	T	T	T	T
	2	40	90	140	200	250	520	630	1200	2100	3900	9700
	3		64	80	180	220	380	380	770	1200	2000	5300
	4			80	150	190	310	340	570	820	1100	2400
	6					130	240	200	440	620	930	1700
	10							200	380	480	770	1100
	13								250	480	680	940
	16									320	600	940
	20										400	750
	25											500
	32											

Note: if you cannot find your combination, refer to the selection table on page 12

4000	Selectivity limit = 4 kA.
T	Total selectivity.
	No selectivity.

Selectivity table

Upstream: NG125N/H/L, C120N/H curve B
Downstream: iC60N/H/L curves B, C, D

220-240/380-415 V AC

Upstream		NG125N/H/L, C120N/H Curve B										
In (A)		10	16	20	25	32	40	50	63	80	100	125
Downstream	**2P (220-240 V) single-phase network**											
Selectivity limit (A)												
iC60N/H/L Curve B	**0.5**	T	T	T	T	T	T	T	T	T	T	T
	1	120	490	T	T	T	T	T	T	T	T	T
	2	60	160	350	500	1200	4200	8100	T	T	T	T
	3	40	110	170	250	520	1300	1900	6700	T	T	T
	4	40	64	80	190	280	630	750	1400	2700	6200	T
	6	15	64	80	150	150	350	430	810	1400	2100	6100
	10		22	80	100	130	160	200	500	840	1300	2500
	13			28	100	130	240	200	440	770	1100	1900
	16				35	130	160	200	380	520	770	1400
	20					46	160	200	250	320	600	1000
	25						56	200	250	320	400	890
	32							80	250	320	400	840
	40								250	320	400	790
	50									320	400	750
	63											500
Selectivity limit (A)												
iC60N/H/L Curve C	**0.5**	T	T	T	T	T	T	T	T	T	T	T
	1	120	490	T	T	T	T	T	T	T	T	T
	2	60	160	350	500	1200	4200	8100	T	T	T	T
	3	30	110	170	250	520	1300	1900	6700	T	T	T
	4		64	80	190	280	630	750	1400	2700	6200	T
	6			80	150	150	350	430	810	1400	2100	6100
	10					130	160	200	500	840	1300	2500
	13						160	200	440	620	1100	1900
	16							200	380	520	770	1400
	20									320	600	1000
	25									320	400	890
	32											840
	40											500
Selectivity limit (A)												
iC60N/H/L Curve D	**0.5**	T	T	T	T	T	T	T	T	T	T	T
	1	120	490	T	T	T	T	T	T	T	T	T
	2	60	160	350	500	1200	4200	8100	T	T	T	T
	3		110	170	250	520	1300	1900	6700	T	T	T
	4			80	190	280	630	750	1400	2700	6200	T
	6					150	350	430	810	1400	2100	6100
	10							200	500	840	1300	2500
	13								380	620	930	1900
	16									520	770	1400
	20										600	1000
	25											890
	32											

Note: the selectivity limits given in the table must be compared to the phase/neutral fault current (Ik1).
If the max. phase/earth fault current (If) is high, the selectivity of this fault current should also be verified by referring to the limits given in the dark green part of the table.

Selectivity table

Upstream: NG125N/H/L, C120N/H curve C
Downstream: iC60N/H/L curves B, C, D

220-240/380-415 V AC

Upstream		NG125N/H/L Curve C										
In (A)		10	16	20	25	32	40	50	63	80	100	125
Downstream	**1P, 1P+N, 2P (380-415 V) two-phase network 3P, 3P+N, 4P**											
Selectivity limit (A)												
iC60N/H/L Curve B	**0.5**	T	T	T	T	T	T	T	T	T	T	T
	1	140	490	920	2300	T	T	T	T	T	T	T
	2	80	250	380	550	1800	2400	8800	10000	13000	T	T
	3	80	190	280	380	1200	1400	4600	8000	8500	14000	T
	4	80	130	240	300	800	820	2000	2300	3400	7000	13000
	6	15	130	160	200	610	650	1400	2300	2300	3600	6400
	10		22	160	200	500	510	1100	1300	1600	2200	3600
	13			28	200	460	470	930	1100	1400	2000	2600
	16				35	380	430	770	950	1200	1700	2300
	20					46	320	680	850	960	1500	2100
	25						56	600	760	960	1200	1800
	32							80	500	640	1200	1500
	40								130	640	800	1500
	50									640	800	1500
	63										800	1000
Selectivity limit (A)												
iC60N/H/L Curve C	**0.5**	T	T	T	T	T	T	T	T	T	T	T
	1	140	490	920	2300	T	T	T	T	T	T	T
	2	80	250	380	550	2100	2400	8800	10000	13000	T	T
	3	80	190	280	380	1200	1400	4600	8000	8500	14000	T
	4	18	130	160	300	800	820	2000	2300	3400	6000	13000
	6	15	130	160	200	610	650	1400	2300	2300	3600	5500
	10		22	160	200	500	510	930	1300	1400	2200	3100
	13			28	51	420	430	770	1100	1200	2000	2600
	16				35	256	400	770	950	1200	1700	2300
	20					46	320	680	850	960	1500	1800
	25						56	400	760	960	1200	1800
	32							80	500	640	1200	1500
	40								500	640	800	1500
	50									640	800	1000
	63											1000
Selectivity limit (A)												
iC60N/H/L Curve D	**0.5**	T	T	T	T	T	T	T	T	T	T	T
	1	140	490	920	2300	T	T	T	T	T	T	T
	2	80	250	380	550	1800	2400	8800	10000	13000	T	T
	3	21	190	280	380	1200	1200	4600	8000	8500	14000	T
	4	18	130	160	300	740	740	2000	2300	3400	6000	13000
	6		130	160	200	570	600	1400	1900	1800	3600	5500
	10				200	450	480	930	1300	1400	2200	3100
	13					256	430	770	950	1200	1700	2600
	16						320	770	950	960	1500	2300
	20							400	760	960	1200	1800
	25									640	1200	1500
	32									640	800	1500
	40											1000
	50											

Note: if you cannot find your combination, refer to the selection table on page 12

4000 Selectivity limit = 4 kA.

T Total selectivity.

No selectivity.

Selectivity table

Upstream: NG125N/H/L, C120N/H curve C
Downstream: iC60N/H/L curves B, C, D

220-240/380-415 V AC

Upstream		NG125N/H/L Curve C										
In (A)		10	16	20	25	32	40	50	63	80	100	125
Downstream	**2P (220-240 V) single-phase network**											
Selectivity limit (A)												
iC60N/H/L Curve B	**0.5**	T	T	T	T	T	T	T	T	T	T	T
	1	950	T	T	T	T	T	T	T	T	T	T
	2	210	1900	4200	10000	T	T	T	T	T	T	T
	3	120	780	1300	4700	T	T	T	T	T	T	T
	4	80	310	590	1100	4000	13000	T	T	T	T	T
	6	15	190	330	510	1500	2700	7200	9000	9000	T	T
	10		22	160	300	1000	1400	2700	3500	3500	7400	T
	13			28	200	760	910	2000	2700	2700	4900	8100
	16				35	620	620	1600	2700	2700	3600	5500
	20					46	480	1100	1600	1600	2200	3600
	25						56	930	1200	1200	2000	2600
	32							80	930	960	1700	2300
	40								130	960	1400	2000
	50									640	1200	1900
	63										1200	1700
Selectivity limit (A)												
iC60N/H/L Curve C	**0.5**	T	T	T	T	T	T	T	T	T	T	T
	1	950	T	T	T	T	T	T	T	T	T	T
	2	210	1900	3500	10000	T	T	T	T	T	T	T
	3	80	670	1300	4700	T	T	T	T	T	T	T
	4	18	310	590	1100	3600	13000	T	T	T	T	T
	6	15	190	290	510	1500	2700	7200	9000	9000	T	T
	10		22	160	200	890	1200	2700	3700	3700	6600	T
	13			28	51	760	770	2000	2700	2700	4000	7200
	16				35	256	620	1600	2700	2700	3600	4600
	20					46	320	1100	1400	1400	2200	3600
	25						56	400	1100	1200	2000	2600
	32							80	500	960	1400	2300
	40								500	640	1200	2000
	50									640	800	1700
	63											1000
Selectivity limit (A)												
iC60N/H/L Curve D	**0.5**	T	T	T	T	T	T	T	T	T	T	T
	1	950	T	T	T	T	T	T	T	T	T	T
	2	210	1700	3500	10000	T	T	T	T	T	T	T
	3	21	550	1300	4700	T	T	T	T	T	T	T
	4	18	310	520	960	3600	13000	T	T	T	T	T
	6		190	240	460	1500	2700	6400	9000	9000	T	T
	10				200	890	1100	2700	3700	3700	6600	T
	13					256	620	2000	2300	2300	4000	7200
	16						320	1400	2300	2300	3100	4600
	20							400	1400	1400	2200	3100
	25									960	1700	2600
	32									640	1400	2000
	40											1800
	50											

Note: the selectivity limits given in the table must be compared to the phase/neutral fault current (Ik1).
If the max. phase/earth fault current (If) is high, the selectivity of this fault current should also be verified by referring to the limits given in the dark green part of the table.

Selectivity table

Upstream: NG125N/H/L, C120N/H curve D
Downstream: iC60N/H/L curves B, C, D

220-240/380-415 V AC

Upstream		NG125N/H/L, C120N/H Curve D										
In (A)		10	16	20	25	32	40	50	63	80	100	125
Downstream	**1P, 1P+N, 2P (380-415 V) two-phase network 3P, 3P+N, 4P**											
Selectivity limit (A)												
iC60N/H/L Curve B	**0.5**	T	T	T	T	T	T	T	T	T	T	T
	1	410	3800	5200	T	T	T	T	T	T	T	T
	2	240	770	920	2600	2700	7400	14000	T	T	T	T
	3	180	610	640	1300	1600	3600	11000	T	T	T	T
	4	120	450	450	890	1100	1900	4100	11000	13000	T	T
	6	15	340	360	730	740	1300	2600	4700	6200	T	T
	10		22	240	590	660	910	1700	2600	3500	T	T
	13			28	300	580	810	1500	2100	2500	4600	T
	16				35	380	720	1300	1900	2400	3600	T
	20					46	480	1100	1600	2000	3000	3600
	25						56	900	1400	1700	2400	2900
	32							83	1100	1700	2400	2600
	40								1100	1400	2100	2300
	50									1400	2000	2300
	63										2000	2300
Selectivity limit (A)												
iC60N/H/L Curve C	**0.5**	T	T	T	T	T	T	T	T	T	T	T
	1	410	3800	5200	T	T	T	T	T	T	T	T
	2	240	770	920	2600	2700	7400	T	T	T	T	T
	3	21	530	640	1300	1600	3600	11000	T	T	T	T
	4	18	450	450	890	1100	1900	4100	11000	13000	T	T
	6	15	340	360	730	740	1300	2200	4700	6200	T	T
	10		22	240	590	580	910	1700	2600	3500	T	T
	13			28	51	580	720	1300	2100	2500	4100	T
	16				35	380	480	1100	1900	2400	3600	T
	20					46	88	1100	1600	2000	2700	2900
	25						56	600	1400	1700	2400	2900
	32							80	1100	1400	2400	2600
	40								756	1400	2100	2300
	50									960	2000	2300
	63										1800	2300
Selectivity limit (A)												
iC60N/H/L Curve D	**0.5**	T	T	T	T	T	T	T	T	T	T	T
	1	410	3800	5200	T	T	T	T	T	T	T	T
	2	240	770	920	2600	2700	6300	T	T	T	T	T
	3	21	530	550	1300	1600	3600	11000	T	T	T	T
	4	18	370	450	890	970	1600	3700	11000	13000	T	T
	6	15	340	360	730	740	1100	2200	4700	5400	T	T
	10		22	240	520	580	810	1500	2600	3000	T	T
	13			28	51	380	720	1300	2100	2500	4100	T
	16				35	380	480	1100	1900	2400	3600	T
	20					46	480	900	1400	1700	2700	2900
	25						56	600	1400	1700	2400	2600
	32							80	1100	1400	2100	2600
	40								756	1400	2100	2300
	50									960	1800	1500
	63										1800	1500

Note: if you cannot find your combination, refer to the selection table on page 12

4000	Selectivity limit = 4 kA.
T	Total selectivity.
	No selectivity.

Selectivity table

Upstream: NG125N/H/L, C120N/H curve D
Downstream: iC60N/H/L curves B, C, D

220-240/380-415 V AC

Upstream		NG125N/H/L, C120N/H Curve D										
In (A)		10	16	20	25	32	40	50	63	80	100	125
Downstream	**2P (220-240 V) single-phase network**											
Selectivity limit (A)												
iC60N/H/L Curve B	**0.5**	T	T	T	T	T	T	T	T	T	T	T
	1	T	T	T	T	T	T	T	T	T	T	T
	2	1200	T	T	T	T	T	T	T	T	T	T
	3	520	3400	3400	T	T	T	T	T	T	T	T
	4	120	1200	1300	5800	5600	T	T	T	T	T	T
	6	15	700	720	1900	1900	6000	11000	T	T	T	T
	10		22	540	1200	1200	2600	4200	10000	T	T	T
	13			28	300	900	1800	3400	7300	8000	T	T
	16				35	740	1500	2200	4700	5400	T	T
	20					46	910	1700	3500	3500	6900	T
	25						56	1500	2500	2500	5200	6800
	32							83	2000	2400	3400	4400
	40								1800	1900	2900	4000
	50									1900	2800	3300
	63										2300	2800
Selectivity limit (A)												
iC60N/H/L Curve C	**0.5**	T	T	T	T	T	T	T	T	T	T	T
	1	T	T	T	T	T	T	T	T	T	T	T
	2	1200	T	T	T	T	T	T	T	T	T	T
	3	21	3400	3400	T	T	T	T	T	T	T	T
	4	18	1200	1300	5800	5600	T	T	T	T	T	T
	6	15	700	720	1900	1900	6000	11000	T	T	T	T
	10		22	480	1200	1200	2200	4200	10000	T	T	T
	13			28	51	900	1800	3000	7300	8000	T	T
	16				35	740	1300	2200	4700	5400	T	T
	20					46	88	1700	3500	3500	6900	T
	25						56	600	2500	2500	4600	6800
	32							80	2000	2200	3400	4400
	40								756	1900	2900	3500
	50									960	2300	2800
	63										2300	2800
Selectivity limit (A)												
iC60N/H/L Curve D	**0.5**	T	T	T	T	T	T	T	T	T	T	T
	1	T	T	T	T	T	T	T	T	T	T	T
	2	1200	T	T	T	T	T	T	T	T	T	T
	3	21	3000	3400	T	T	T	T	T	T	T	T
	4	18	1100	1300	5800	4500	T	T	T	T	T	T
	6	15	600	600	1600	1600	5300	11000	T	T	T	T
	10		22	420	1000	1100	2200	3400	10000	T	T	T
	13			28	51	900	1700	2600	6400	7100	T	T
	16				35	380	1300	2200	3900	4500	T	T
	20					46	480	1500	3000	3500	6000	T
	25						56	600	2100	2500	4100	5900
	32							80	1800	2200	3400	4400
	40								756	1700	2400	2900
	50									960	2300	2800
	63										2000	2300

Note: the selectivity limits given in the table must be compared to the phase/neutral fault current (Ik1).
If the max. phase/earth fault current (If) is high, the selectivity of this fault current should also be verified by referring to the limits given in the dark green part of the table.

Selectivity table

Upstream: NG125N/H/L, C120N/H curve B
Downstream: C120, NG125 curves B, C, D

220-240/380-415 V AC

Upstream		NG125N/H/L, C120N/H Curve B										
In (A)		10	16	20	25	32	40	50	63	80	100	125
Downstream	**1P, 1P+N, 2P (380-415 V) two-phase network 3P, 3P+N, 4P**											
Selectivity limit (A)												
C120, NG125 Curve B	**10**			80	100	130	160	200	250	320	400	800
	16				100	130	160	200	250	320	400	750
	20					65	160	200	250	320	400	750
	25						160	200	250	320	400	500
	32							200	250	320	400	500
	40								250	320	400	500
	50									320	400	500
	63										400	500
	80											400
Selectivity limit (A)												
C120, NG125 Curve C	**10**					130	160	200	250	320	400	750
	16							200	250	320	400	500
	20								250	320	400	500
	25									320	400	500
	32										400	500
	40											500
Selectivity limit (A)												
C120, NG125 Curve D	**10**							200	250	320	400	750
	16									320	400	500
	20										400	500
	25											500
	32											

Note: if you cannot find your combination, refer to the selection table on page 12

4000 Selectivity limit = 4 kA.

No selectivity.

Selectivity table

Upstream : NG125N/H/L, C120N/H curve B
Downstream: C120, NG125 curves B, C, D

220-240/380-415 V AC

Upstream		NG125N/H/L, C120N/H Curve B										
In (A)		10	16	20	25	32	40	50	63	80	100	125
Downstream	**2P (220-240 V) single-phase network**											
Selectivity limit (A)												
C120, NG125 Curve B	**10**			80	100	130	260	200	400	540	670	1100
	16				100	130	240	200	250	480	630	910
	20					65	160	200	250	320	600	830
	25						160	200	250	320	400	830
	32							200	250	320	400	750
	40								250	320	400	750
	50									320	400	500
	63										400	500
	80											400
Selectivity limit (A)												
C120, NG125 Curve C	**10**					130	240	200	250	480	670	980
	16							200	250	320	400	830
	20								250	320	400	830
	25									320	400	750
	32										400	500
	40											500
Selectivity limit (A)												
C120, NG125 Curve D	**10**							200	250	320	630	980
	16									320	400	750
	20										400	750
	25											500
	32											

Note: the selectivity limits given in the table must be compared to the phase/neutral fault current (Ik1).
If the max. phase/earth fault current (If) is high, the selectivity of this fault current should also be verified by referring to the limits given in the dark green part of the table.

Selectivity table

Upstream: NG125N/H/L, C120N/H curve C
Downstream: C120, NG125 curves B, C, D

220-240/380-415 V AC

Upstream		NG125N/H/L, C120N/H Curve C										
In (A)		10	16	20	25	32	40	50	63	80	100	125
Downstream	**1P, 1P+N, 2P (380-415 V) two-phase network 3P, 3P+N, 4P**											
Selectivity limit (A)												
C120, NG125 Curve B	**10**		130	160	200	260	320	650	820	960	1300	1700
	16				200	260	320	600	760	800	900	1500
	20					65	320	400	500	640	800	1500
	25						320	400	500	640	800	1000
	32							400	500	640	800	1000
	40								500	640	800	1000
	50									640	800	1000
	63										800	1000
	80											1000
	100											
Selectivity limit (A)												
C120, NG125 Curve C	**10**		39	160	200	260	320	650	760	900	1200	1700
	16				70	110	320	400	500	640	800	1500
	20					65	124	400	500	640	800	1000
	25						89	149	500	640	800	1000
	32							123	240	640	800	1000
	40								181	269	800	1000
	50									227	800	1000
	63										800	1000
	80											1000
Selectivity limit (A)												
C120, NG125 Curve D	**10**					260	320	600	760	900	1200	1600
	16						320	400	500	640	800	1000
	20							400	500	640	800	1000
	25								500	640	800	1000
	32										800	1000
	40											1000
	50											

Note: if you cannot find your combination, refer to the selection table on page 12

4000 Selectivity limit = 4 kA.

No selectivity.

Selectivity table

Upstream: NG125N/H/L, C120N/H curve C
Downstream: C120, NG125 curves B, C, D

220-240/380-415 V AC

Upstream		NG125N/H/L, C120N/H Curve C										
In (A)		10	16	20	25	32	40	50	63	80	100	125
Downstream	**2P (220-240 V) single-phase network**											
Selectivity limit (A)												
C120, NG125 Curve B	**10**		130	160	200	480	510	930	1100	1200	1700	2500
	16				200	260	320	800	990	1100	1400	2000
	20					65	320	730	910	1100	1400	1900
	25						320	730	830	960	1200	1600
	32							400	830	960	1200	1600
	40								500	640	800	1500
	50									640	800	1500
	63										800	1000
	80											1000
	100											
Selectivity limit (A)												
C120, NG125 Curve C	**10**		39	160	200	260	480	870	1100	1200	1700	2500
	16				70	110	320	730	910	1100	1400	2000
	20					65	124	670	830	960	1300	1700
	25						89	149	500	640	1200	1600
	32							123	240	640	800	1500
	40								181	269	800	1000
	50									227	800	1000
	63										800	1000
	80											1000
Selectivity limit (A)												
C120, NG125 Curve D	**10**					260	320	800	1100	1100	1600	2200
	16						320	630	830	960	1300	1900
	20							400	760	960	1300	1700
	25								500	640	800	1500
	32										800	1500
	40											1000
	50											

Note: the selectivity limits given in the table must be compared to the phase/neutral fault current (Ik1).
If the max. phase/earth fault current (If) is high, the selectivity of this fault current should also be verified by referring to the limits given in the dark green part of the table.

Selectivity table

Upstream: NG125N/H/L, C120N/H curve D
Downstream: C120, NG125 curves B, C, D

220-240/380-415 V AC

Upstream		NG125N/H/L, C120N/H Curve D										
In (A)		10	16	20	25	32	40	50	63	80	100	125
Downstream	**1P, 1P+N, 2P (380-415 V) two-phase network 3P, 3P+N, 4P**											
Selectivity limit (A)												
C120, NG125 Curve B	**10**		190	240	300	380	480	970	1300	1600	2200	2500
	16				300	380	480	600	1100	1400	2000	2300
	20					65	480	600	1100	1400	2000	2300
	25						480	600	760	960	1200	1500
	32							600	760	960	1200	1500
	40								760	960	1200	1500
	50									960	1200	1500
	63										1200	1500
	80											1500
	100											
Selectivity limit (A)												
C120, NG125 Curve C	**10**		190	240	300	380	480	970	1300	1600	2200	2500
	16				70	110	480	600	1100	1400	2000	2300
	20					65	124	600	1100	1400	2000	2300
	25						89	149	760	960	1200	1500
	32							123	240	960	1200	1500
	40								181	269	1200	1500
	50									227	1200	1500
	63										1200	1500
	80											1500
	100											
Selectivity limit (A)												
C120, NG125 Curve D	**10**		39	240	300	380	480	970	1300	1600	2200	2500
	16				70	110	480	600	1100	1400	2000	2300
	20					65	124	193	1100	1400	2000	2300
	25						89	149	236	960	1200	1500
	32							123	240	960	1200	1500
	40								181	269	1200	1500
	50									227	1200	1500
	63										1200	1500
	80											1500
	100											

Note: if you cannot find your combination, refer to the selection table on page 12

4000 Selectivity limit = 4 kA.

No selectivity.

Selectivity table

Upstream: NG125N/H/L, C120N/H curve D
Downstream: C120, NG125 curves B, C, D

220-240/380-415 V AC

Upstream		NG125N/H/L, C120N/H Curve D										
In (A)		10	16	20	25	32	40	50	63	80	100	125
Downstream	**2P (220-240 V) single-phase network**											
Selectivity limit (A)												
C120, NG125 Curve B	**10**		190	240	250	380	720	1300	2000	2400	3700	4800
	16				300	380	480	1100	1600	1900	2600	3200
	20					65	480	1100	1500	1800	2600	2900
	25						480	600	1200	1400	2100	2400
	32							600	1200	1400	2100	2400
	40								760	960	1200	1500
	50									960	1200	1500
	63										1200	1500
	80											1500
	100											
Selectivity limit (A)												
C120, NG125 Curve C	**10**		190	240	250	380	720	1300	2000	2400	3700	4800
	16				70	110	480	1100	1600	1900	2600	3200
	20					65	124	1100	1500	1800	2600	2900
	25						89	149	1200	1400	2100	2400
	32							123	240	1400	2100	2400
	40								181	269	1200	1500
	50									227	1200	1500
	63										1200	1500
	80											1500
	100											
Selectivity limit (A)												
C120, NG125 Curve D	**10**		39	240	250	380	720	1300	2000	2400	3700	4800
	16				70	110	480	1100	1600	1900	2600	3200
	20					65	124	193	1500	1800	2600	2900
	25						89	149	236	1400	2100	2400
	32							123	240	1400	2100	2400
	40								181	269	1200	1500
	50									227	1200	1500
	63										1200	1500
	80											1500
	100											

Note: the selectivity limits given in the table must be compared to the phase/neutral fault current (Ik1).
If the max. phase/earth fault current (If) is high, the selectivity of this fault current should also be verified by referring to the limits given in the dark green part of the table.

Selectivity table

Selectivity of circuit breakers

Ue ⩽ 440 V AC

Contents

Downstream	Upstream									
Type	NSXm		NSX100		NSX160		NSX250		NSX400	NSX630
	TM-D	Micrologic	TM-D	Micrologic	TM-D	Micrologic	TM-D	Micrologic	Micrologic	Micrologic
iDPN	page 47	page 48	page 49	page 50	page 49	page 50	page 49	page 50	page 53	page 53
iDPN N	page 47	page 48	page 49	page 50	page 49	page 50	page 49	page 50	page 53	page 53
iC60N/H/L	page 47	page 48	page 49	page 50	page 49	page 50	page 49	page 50	page 53	page 53
C120, NG125	page 47	page 48	page 49	page 50	page 49	page 50	page 49	page 50	page 53	page 53
NSXm	-	-	page 49	page 50	page 49	page 50	page 49	page 50	page 53	page 53
NSX100	-	-	page 51	page 52	page 51	page 52	page 51	page 52	page 53	page 53
NSX160	-	-	page 51	page 52	page 51	page 52	page 51	page 52	page 53	page 53
NSX250	-	-	page 51	page 52	page 51	page 52	page 51	page 52	page 53	page 53
NSX400	-	-	-	-	-	-	-	-	page 53	page 53

Selectivity between circuit breakers

In the following tables we show the level of selectivity between two LV circuits that are protected by circuit breakers up to 440 V, 50/60 Hz systems.
This selectivity will be either:

- total: represented by a **T** (up to the breaking capacity of the downstream device),
- partial: selectivity limit current (Is) indicated. Below this value selectivity is ensured, above this value the upstream device is also involved in breaking,
- zero: no selectivity ensured.

Selectivity table

Upstream: Compact NSXmE/B/F/N/H TM-D
Downstream: iDPN, iC60, C120, NG125

Ue ⩽ 440 V AC

Upstream		NSXm160E/B/F/N/H/TM-D									
Trip unit		TM-D									
In (A)		16	25	32	40	50	63	80	100	125	160
Downstream											
Selectivity limit (kA)											
iDPN Curves B, C	⩽ 10	0.5	0.5	0.5	0.5	0.6	0.8	T	T	T	T
	16			0.5	0.5	0.6	0.8	T	T	T	T
	20				0.6	0.6	0.8	T	T	T	T
	25					0.6	0.8	T	T	T	T
	32						0.8	2	T	T	T
	40							2	T	T	T
iDPNN Curves C, D	⩽ 10	0.5	0.5	0.5	0.5	0.6	0.8	T	T	T	T
	16			0.5	0.5	0.6	0.8	T	T	T	T
	20				0.6	0.6	0.8	T	T	T	T
	25					0.6	0.8	T	T	T	T
	32						0.8	2	T	T	T
	40							2	T	T	T
iC60N/H Curves B, C, D	⩽ 10	0.5	0.5	0.5	0.5	0.6	0.8	T	T	T	T
	13-16			0.5	0.5	0.6	0.8	T	T	T	T
	20				0.5	0.6	0.8	T	T	T	T
	25					0.6	0.8	8	T	T	T
	32						0.8	3	T	T	T
	40							2	T	T	T
	50								6	8	8
	63									8	8
iC60L Curves B, C, D, K, Z	⩽ 10	0.5	0.5	0.5	0.5	0.6	0.8	T	T	T	T
	13-16			0.5	0.5	0.6	0.8	T	T	T	T
	20				0.5	0.6	0.8	T	T	T	T
	25					0.6	0.8	8	T	T	T
	32						0.8	3	T	T	T
	40							2	16	16	16
	50								6	8	8
	63									8	8
C120N/H Curves B, C, D	63									1.25	1.25
	80										1.25
	100										1.25
	125										
NG125N/H/L Curves B, C, D	10	0.6	0.6	0.6	0.6	0.6	0.8	0.8	1	1.25	1.25
	16			0.6	0.6	0.6	0.8	0.8	1	1.25	1.25
	20			0.6	0.6	0.6	0.8	0.8	1	1.25	1.25
	25				0.6	0.6	0.8	0.8	1	1.25	1.25
	32						0.8	0.8	1	1.25	1.25
	40							0.8	1	1.25	1.25
	50							0.8	1	1.25	1.25
	63									1.25	1.25
	80										1.25
	100 (N)										1.25
	125 (N)										

4	Selectivity limit = 4 kA.
T	Total selectivity, up to the breaking capacity of the downstream circuit breaker.
	No selectivity.

Note: respect the basic rules of selectivity, in terms of overload, short-circuit, ground fault and earth leakage when applicable see page 6, or check curves with Schneider Electric online “Electrical calculation tools”.

Selectivity table

Upstream: Compact NSXm E/B/F/N/H Micrologic 4.1
Downstream: iDPN, iC60, C120, NG125

Ue ⩽ 440 V AC

Upstream	NSXm E/B/F/N/H
Trip unit	Micrologic 4.1

Downstream											
Rating		25		50			100			160	
Setting Ir:		16	25	32	40	50	63	80	100	125	160
Selectivity limit (kA)											
iDPN B,C curves	⩽ 10	0,37	0,37	0,75	0,75	0,75	T	T	T	T	T
	16			0,75	0,75	0,75	T	T	T	T	T
	20				0,75	0,75	T	T	T	T	T
	25					0,75	T	T	T	T	T
	32						T	T	T	T	T
	40							T	T	T	T
iDPNN C,D curves	⩽ 10	0,37	0,37	0,75	0,75	0,75	T	T	T	T	T
	16			0,75	0,75	0,75	T	T	T	T	T
	20				0,75	0,75	T	T	T	T	T
	25					0,75	T	T	T	T	T
	32						T	T	T	T	T
	40							T	T	T	T
iC60 N/H B-C-D Curves	⩽ 10	0,37	0,37	0,75	0,75	0,75	T	T	T	T	T
	13-16			0,75	0,75	0,75	T	T	T	T	T
	20				0,75	0,75	T	T	T	T	T
	25					0,75	T	T	T	T	T
	32						T	T	T	T	T
	40							T	T	T	T
	50								8	8	8
	63									8	8
iC60 L B-C-D-K-Z Curves	⩽ 10	0,37	0,37	0,75	0,75	0,75	T	T	T	T	T
	13-16			0,75	0,75	0,75	T	T	T	T	T
	20				0,75	0,75	T	T	T	T	T
	25					0,75	T	T	T	T	T
	32						T	T	T	T	T
	40							16	16	16	16
	50								8	8	8
	63									8	8
C120 N/H B-C-D Curves	63									2,4	2,4
	80										2,4
	100										2,4
	125										
NG125 N/H/L B-C-D Curves	10	0,37	0,37	0,75	0,75	0,75	1,5	1,5	1,5	2,4	2,4
	16			0,75	0,75	0,75	1,5	1,5	1,5	2,4	2,4
	20				0,75	0,75	1,5	1,5	1,5	2,4	2,4
	25					0,75	1,5	1,5	1,5	2,4	2,4
	32						1,5	1,5	1,5	2,4	2,4
	40							1,5	1,5	2,4	2,4
	50							1,5	1,5	2,4	2,4
	63									2,4	2,4
	80										2,4
	100 (N)										2,4
	125 (N)										

4	Selectivity limit = 4 kA.
T	Total selectivity, up to the breaking capacity of the downstream circuit breaker.
	No selectivity.

Note: respect the basic rules of selectivity, in terms of overload, short-circuit, ground fault and earth leakage when applicable see page 6, or check curves with Schneider Electric online “Electrical calculation tools”.

Selectivity table

Upstream: Compact NSX100-250 TM-D
Downstream: iDPN, iC60, C120, NG125, Compact NSXm

Ue ≤ 440 V AC

Upstream		NSX100B/F/N/H/S/L/R								NSX160B/F/N/H/S/L				NSX250B/F/N/H/S/L/R		
Trip unit		TM-D								TM-D				TM-D		
In (A)		16	25	32	40	50	63	80	100	80	100	125	160	160	200	250
Downstream																
Selectivity limit (kA)																
iDPN Curves B, C	≤ 10	0.19	0.3	0.4	0.5	0.5	0.5	0.63	0.8	0.63	0.8	T	T	T	T	T
	16		0.3	0.4	0.5	0.5	0.5	0.63	0.8	0.63	0.8	T	T	T	T	T
	20			0.4	0.5	0.5	0.5	0.63	0.8	0.63	0.8	T	T	T	T	T
	25					0.5	0.5	0.63	0.8	0.63	0.8	T	T	T	T	T
	32						0.5	0.63	0.8	0.63	0.8	T	T	T	T	T
	40						0.5	0.63	0.8	0.63	0.8	T	T	T	T	T
iDPNN Curves C, D	≤ 10	0.19	0.3	0.4	0.5	0.5	0.5	0.63	0.8	0.63	0.8	T	T	T	T	T
	16		0.3	0.4	0.5	0.5	0.5	0.63	0.8	0.63	0.8	T	T	T	T	T
	20			0.4	0.5	0.5	0.5	0.63	0.8	0.63	0.8	T	T	T	T	T
	25					0.5	0.5	0.63	0.8	0.63	0.8	T	T	T	T	T
	32						0.5	0.63	0.8	0.63	0.8	T	T	T	T	T
	40						0.5	0.63	0.8	0.63	0.8	T	T	T	T	T
iC60N/H Curves B, C, D	≤ 10	0.19	0.3	0.4	0.9	0.9	0.9	1.3	3	1.3	3	T	T	T	T	T
	16		0.3	0.4	0.5	0.5	0.5	1	2	1	2	T	T	T	T	T
	20			0.4	0.5	0.5	0.5	0.63	1.5	0.63	1.5	T	T	T	T	T
iC60L Curves B, C, D, K, Z	25				0.5	0.5	0.5	0.63	1.5	0.63	1.5	T	T	T	T	T
	32						0.5	0.63	1	0.63	1	T	T	T	T	T
	40						0.5	0.63	1	0.63	1	T	T	T	T	T
	50							0.63	0.8	0.63	0.8	T	T	T	T	T
	63								0.8		0.8	T	T	T	T	T
C120N/H Curves B, C, D	63								0.8		0.8	2.4	2.4	2.4	T	T
	80												2.4	2.4	T	T
	100														T	T
	125															T
NG125N/H/L Curves B, C, D	10	0.19	0.3	0.4	0.5	0.5	0.5	0.63	0.8	0.63	0.8	T	T	T	T	T
	16		0.3	0.4	0.5	0.5	0.5	0.63	0.8	0.63	0.8	T	T	T	T	T
	20			0.4	0.5	0.5	0.5	0.63	0.8	0.63	0.8	T	T	T	T	T
	25					0.5	0.5	0.63	0.8	0.63	0.8	2.4	2.4	2.4	T	T
	32						0.5	0.63	0.8	0.63	0.8	2.4	2.4	2.4	T	T
	40							0.63	0.8	0.63	0.8	2.4	2.4	2.4	T	T
	50							0.63	0.8	0.63	0.8	2.4	2.4	2.4	T	T
	63								0.8		0.8	2.4	2.4	2.4	T	T
	80												2.4	2.4	T	T
	100 (N)														T	T
	125 (N)															T
NSXmE/B/F/N TMD	16			0.4	0.5	0.5	0.5	0.63	0.8	0.63	0.8	1.25	1.25	1.25	T	T
	25				0.5	0.5	0.5	0.63	0.8	0.63	0.8	1.25	1.25	1.25	T	T
	32						0.5	0.63	0.8	0.63	0.8	1.25	1.25	1.25	T	T
	40							0.63	0.8	0.63	0.8	1.25	1.25	1.25	T	T
	50							0.63	0.8	0.63	0.8	1.25	1.25	1.25	T	T
	63								0.8		0.8	1.25	1.25	1.25	T	T
	80											1.25	1.25	1.25	T	T
	100												1.25	1.25	T	T
	125														T	T
	160															T
NSXm E/B/F/N/H Micrologic 4.1	25				0.5	0.5	0.5	0.63	0.8	0.63	0.8	1.25	1.25	1.25	T	T
	50							0.63	0.8	0.63	0.8	1.25	1.25	1.25	T	T
	100												1.25	1.25	T	T
	160														T	T

4	Selectivity limit = 4 kA.
T	Total selectivity, up to the breaking capacity of the downstream circuit breaker.
	No selectivity.

Note: respect the basic rules of selectivity, in terms of overload, short-circuit, ground fault and earth leakage when applicable see page 6, or check curves with Schneider Electric online “Electrical calculation tools”.

Selectivity table

Upstream: Compact NSX100-250 Micrologic
Downstream: iDPN, iC60, C120, NG125, Compact NSXm

Ue ⩽ 440 V AC

Upstream	NSX100B/F/N/H/S/L/R								NSX160B/F/N/H/S/L				NSX250B/F/N/H/S/L/R		
Trip unit	Micrologic [1]								Micrologic [1]				Micrologic [1]		
Downstream — Rating (A)	40				100				160				250		
Setting Ir	16	25	32	40	40	63	80	100	80	100	125	160	160	200	250
Selectivity limit (kA)															
iDPN Curves B, C — ⩽ 10	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
16		T	T	T	T	T	T	T	T	T	T	T	T	T	T
20			T	T	T	T	T	T	T	T	T	T	T	T	T
25				T	T	T	T	T	T	T	T	T	T	T	T
32						T	T	T	T	T	T	T	T	T	T
40						T	T	T	T	T	T	T	T	T	T
iDPNN Curves C, D — ⩽ 10	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
16		T	T	T	T	T	T	T	T	T	T	T	T	T	T
20			T	T	T	T	T	T	T	T	T	T	T	T	T
25				T	T	T	T	T	T	T	T	T	T	T	T
32						T	T	T	T	T	T	T	T	T	T
40						T	T	T	T	T	T	T	T	T	T
iC60N/H Curves B, C, D — ⩽ 10	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
16		T	T	T	T	T	T	T	T	T	T	T	T	T	T
20			T	T	T	T	T	T	T	T	T	T	T	T	T
iC60L Curves B, C, D, K, Z — 25				T	T	T	T	T	T	T	T	T	T	T	T
32						T	T	T	T	T	T	T	T	T	T
40						T	T	T	T	T	T	T	T	T	T
50							6	6	T	T	T	T	T	T	T
63								6		T	T	T	T	T	T
C120N/H Curves B, C, D — 63								1.5		2.4	2.4	2.4	T	T	T
80											2.4	2.4	T	T	T
100												2.4	T	T	T
125														T	T
NG125N/H/L Curves B, C, D — 10	0.6	0.6	0.6	0.6	1.5	1.5	1.5	1.5	T	T	T	T	T	T	T
16		0.6	0.6	0.6	1.5	1.5	1.5	1.5	T	T	T	T	T	T	T
20			0.6	0.6	1.5	1.5	1.5	1.5	T	T	T	T	T	T	T
25				0.6	1.5	1.5	1.5	1.5	2.4	2.4	2.4	2.4	T	T	T
32						1.5	1.5	1.5	2.4	2.4	2.4	2.4	T	T	T
40						1.5	1.5	1.5	2.4	2.4	2.4	2.4	T	T	T
50							1.5	1.5	2.4	2.4	2.4	2.4	T	T	T
63								1.5		2.4	2.4	2.4	T	T	T
80											2.4	2.4	T	T	T
100 (N)												2.4	T	T	T
125 (N)														T	T
NSXmE/B/F/N/H TM-D — 16				0.6	1.5	1.5	1.5	1.5	2.4	2.4	2.4	2.4	T	T	T
25					1.5	1.5	1.5	1.5	2.4	2.4	2.4	2.4	T	T	T
32						1.5	1.5	1.5	2.4	2.4	2.4	2.4	T	T	T
40							1.5	1.5	2.4	2.4	2.4	2.4	T	T	T
50							1.5	1.5	2.4	2.4	2.4	2.4	T	T	T
63								1.5		2.4	2.4	2.4	T	T	T
80											2.4	2.4	T	T	T
100												2.4	T	T	T
125														T	T
160															T
NSXm E/B/F/N/H Micrologic 4.1 — 25					1.5	1.5	1.5	1.5	2.4	2.4	2.4	2.4	T	T	T
50							1.5	1.5	2.4	2.4	2.4	2.4	T	T	T
100												2.4	T	T	T
160															T

4	Selectivity limit = 4 kA.
T	Total selectivity, up to the breaking capacity of the downstream circuit breaker.
	No selectivity.

Note: respect the basic rules of selectivity, in terms of overload, short-circuit, ground fault and earth leakage when applicable see page 6, or check curves with Schneider Electric online “Electrical calculation tools”.
[1] Applicable for all "Distribution" Micrologic of Compact NSX range: 2.2 4.2, 5.2, 6.2, 7.2. For 4.2 and 7.2 selectivity rules for RCD apply in addition. Applicable for Generators and Service connection (G and AB type) Micrologic of Compact NSX range but curves shall be checked.
Not applicable for "Motor" Micrologic of Compact NSX range ("M" type).

Selectivity table

Upstream: Compact NSX100-250 TM-D
Downstream: Compact NSX100-250 TM-D - Micrologic

Ue ≤ 440 V AC

Upstream		NSX100B/F/N/H/S/L/R								NSX160B/F/N/H/S/L				NSX250B/F/N/H/S/L/R		
Trip unit		TM-D								TM-D				TM-D		
In (A)		16	25	32	40	50	63	80	100	80	100	125	160	160	200	250
Downstream																
Selectivity limit (kA)																
Compact NSX100 B/F TM-D	**16**				0.5	0.5	0.5	0.63	0.8	0.63	0.8	1.25	1.25	1.25	T	T
	25					0.5	0.5	0.63	0.8	0.63	0.8	1.25	1.25	1.25	T	T
	32						0.5	0.63	0.8	0.63	0.8	1.25	1.25	1.25	T	T
	40							0.63	0.8	0.63	0.8	1.25	1.25	1.25	T	T
	50							0.63	0.8	0.63	0.8	1.25	1.25	1.25	T	T
	63								0.8		0.8	1.25	1.25	1.25	T	T
	80											1.25	1.25	1.25	T	T
	100												1.25	1.25	T	T
Compact NSX100 N/H/S/L/R TM-D	**16**				0.5	0.5	0.5	0.63	0.8	0.63	0.8	1.25	1.25	1.25	T	T
	25					0.5	0.5	0.63	0.8	0.63	0.8	1.25	1.25	1.25	T	T
	32						0.5	0.63	0.8	0.63	0.8	1.25	1.25	1.25	36	36
	40							0.63	0.8	0.63	0.8	1.25	1.25	1.25	36	36
	50							0.63	0.8	0.63	0.8	1.25	1.25	1.25	36	36
	63								0.8		0.8	1.25	1.25	1.25	36	36
	80											1.25	1.25	1.25	36	36
	100												1.25	1.25	36	36
Compact NSX160 B/F/N/H/S/L TM-D	**≤ 63**											1.25	1.25	1.25	4	5
	80											1.25	1.25	1.25	4	5
	100												1.25	1.25	4	5
	160															5
Compact NSX250 B/F/N/H/S/L/R TM-D	**≤ 100**													1.25	2	2.5
	125														2	2.5
	160															2.5
	200															
Compact NSX100 B/F/N/H/S/L/R Micrologic	**40**						0.5	0.63	0.8	0.63	0.8	1.25	1.25	1.25	2	2.5
	100												1.25	1.25	2	2.5
Compact NSX160 B/F/N/H/S/L Micrologic	**40**						0.5	0.63	0.8	0.63	0.8	1.25	1.25	1.25	2	2.5
	100												1.25	1.25	2	2.5
	160															2.5
Compact NSX250 B/F/N/H/S/L/R Micrologic	**≤ 100**													1.25	2	2.5
	160															2.5
	250															

4	Selectivity limit = 4 kA.
T	Total selectivity, up to the breaking capacity of the downstream circuit breaker.
	No selectivity.

Note: respect the basic rules of selectivity, in terms of overload, short-circuit, ground fault and earth leakage when applicable see page 6, or check curves with Schneider Electric online “Electrical calculation tools”.

Selectivity table

Upstream: Compact NSX100-250 Micrologic
Downstream: Compact NSX100-250 TM-D - Micrologic

Ue ≤ 440 V AC

Upstream	NSX100B/F/N/H/S/L/R								NSX160B/F/N/H/S/L				NSX250B/F/N/H/S/L/R		
Trip unit	Micrologic [1]								Micrologic [1]				Micrologic [1]		
Downstream Rating (A)	40				100				160				250		
Setting Ir	16	25	32	40	40	63	80	100	80	100	125	160	160	200	250
Selectivity limit (kA)															
Compact NSX100 B/F TM-D 16					1.5	1.5	1.5	1.5	2.4	2.4	2.4	2.4	T	T	T
25					1.5	1.5	1.5	1.5	2.4	2.4	2.4	2.4	T	T	T
32						1.5	1.5	1.5	2.4	2.4	2.4	2.4	T	T	T
40							1.5	1.5	2.4	2.4	2.4	2.4	T	T	T
50								1.5	2.4	2.4	2.4	2.4	T	T	T
63										2.4	2.4	2.4	T	T	T
80											2.4	2.4	T	T	T
100												2.4	T	T	T
Compact NSX100 N/H/S/L/R TM-D 16					1.5	1.5	1.5	1.5	2.4	2.4	2.4	2.4	T	T	T
25					1.5	1.5	1.5	1.5	2.4	2.4	2.4	2.4	T	T	T
32						1.5	1.5	1.5	2.4	2.4	2.4	2.4	36	36	36
40							1.5	1.5	2.4	2.4	2.4	2.4	36	36	36
50								1.5	2.4	2.4	2.4	2.4	36	36	36
63										2.4	2.4	2.4	36	36	36
80											2.4	2.4	36	36	36
100												2.4	36	36	36
Compact NSX160 B/F/N/H/S/L TM-D ≤ 63										2.4	2.4	2.4	3	3	3
80											2.4	2.4	3	3	3
100												2.4	3	3	3
160															3
Compact NSX250 B/F/N/H/S/L/R TM-D ≤ 100													3	3	3
125														3	3
160															3
200															
Compact NSX100 B/F Micrologic 40						1.5	1.5	1.5	2.4	2.4	2.4	2.4	T	T	T
100												2.4	T	T	T
Compact NSX100 N/H/S/L/R Micrologic 40						1.5	1.5	1.5	2.4	2.4	2.4	2.4	36	36	36
100												2.4	36	36	36
Compact NSX160 B/F/N/H/S/L Micrologic 40									2.4	2.4	2.4	2.4	3	3	3
100												2.4	3	3	3
160															3
Compact NSX250 B/F/N/H/S/L/R Micrologic ≤ 100													3	3	3
160															3
250															

4	Selectivity limit = 4 kA.
T	Total selectivity, up to the breaking capacity of the downstream circuit breaker.
	No selectivity.

Note: respect the basic rules of selectivity, in terms of overload, short-circuit, ground fault and earth leakage when applicable see page 6, or check curves with Schneider Electric online “Electrical calculation tools”.
[1] Applicable for all "Distribution" Micrologic of Compact NSX range: 2.2 4.2, 5.2, 6.2, 7.2. For 4.2 and 7.2 selectivity rules for RCD apply in addition. Applicable for Generators and Service connection (G and AB type) Micrologic of Compact NSX range but curves shall be checked.
Not applicable for “Motor” Micrologic of Compact NSX range ("M" type).

Selectivity table

Upstream: Compact NSX400-630 Micrologic
Downstream: iDPN, iC60, C120, NG125, Compact NSXm, Compact NSX100-400

Ue ≤ 440 V AC

Upstream		NSX400F/N/H/S/L/R					NSX630F/N/H/S/L/R				
Trip unit		Micrologic [1]					Micrologic [1]				
Downstream	**Rating (A)**	**400**					**630**				
	Setting Ir	**160**	**200**	**250**	**320**	**400**	**250**	**320**	**400**	**500**	**630**
Selectivity limit (kA)											
iDPN		T	T	T	T	T	T	T	T	T	T
iDPNN		T	T	T	T	T	T	T	T	T	T
iC60N/H/L		T	T	T	T	T	T	T	T	T	T
C120N/H	**≤ 80**	T	T	T	T	T	T	T	T	T	T
	100		T	T	T	T	T	T	T	T	T
	125			T	T	T	T	T	T	T	T
NG125N/H/L	**≤ 80**	T	T	T	T	T	T	T	T	T	T
	100		T	T	T	T	T	T	T	T	T
	125			T	T	T	T	T	T	T	T
NSXm E/B/F/N/H TMD	**≤ 100**	T	T	T	T	T	T	T	T	T	T
	125		T	T	T	T	T	T	T	T	T
	160			T	T	T	T	T	T	T	T
NSXm E/B/F/N/H Micrologic 4.1	**25**	T	T	T	T	T	T	T	T	T	T
	50	T	T	T	T	T	T	T	T	T	T
	100	T	T	T	T	T	T	T	T	T	T
	160			T	T	T	T	T	T	T	T
Compact NSX100 B/F/N/H/S/L/R TM-D	**≤ 80**	T	T	T	T	T	T	T	T	T	T
	100	T	T	T	T	T	T	T	T	T	T
Compact NSX160 B/F/N/H/S/L TM-D	**≤ 100**	T	T	T	T	T	T	T	T	T	T
	125		T	T	T	T	T	T	T	T	T
	160			T	T	T	T	T	T	T	T
Compact NSX250 B/F/N/H/S/L/R TM-D	**≤ 100**	4.8	4.8	4.8	4.8	4.8	T	T	T	T	T
	125		4.8	4.8	4.8	4.8	T	T	T	T	T
	160			4.8	4.8	4.8	T	T	T	T	T
	200				4.8	4.8		T	T	T	T
	250					4.8			T	T	T
Compact NSX100 B/F/N/H/S/L/R Micrologic	**40**	T	T	T	T	T	T	T	T	T	T
	100	T	T	T	T	T	T	T	T	T	T
Compact NSX160 B/F/N/H/S/L Micrologic	**40**	T	T	T	T	T	T	T	T	T	T
	100	T	T	T	T	T	T	T	T	T	T
	160			T	T	T	T	T	T	T	T
Compact NSX250 B/F/N/H/S/L/R Micrologic	**≤ 100**	4.8	4.8	4.8	4.8	4.8	T	T	T	T	T
	160			4.8	4.8	4.8	T	T	T	T	T
	250					4.8			T	T	T
Compact NSX400 F/N/H/S/L/R Micrologic	**160**						6.9	6.9	6.9	6.9	6.9
	200							6.9	6.9	6.9	6.9
	250								6.9	6.9	6.9
	320									6.9	6.9
	400										6.9

4	Selectivity limit = 4 kA.
T	Total selectivity, up to the breaking capacity of the downstream circuit breaker.
	No selectivity.

Note: respect the basic rules of selectivity, in terms of overload, short-circuit, ground fault and earth leakage when applicable see page 6, or check curves with Schneider Electric online “Electrical calculation tools”.
[1] Applicable for all "Distribution" Micrologic of Compact NSX range: 2.3, 4.3, 5.3, 6.3, 7.3. For 4.3 and 7.3 selectivity rules for RCD apply in addition. Applicable for Generators and Service connection (G and AB type) Micrologic of Compact NSX range but curves shall be checked.
Not applicable for “Motor” Micrologic of Compact NSX range ("M" type).

Selectivity table

Upstream: Compact NS630b-1600N/H Micrologic
Downstream: iDPN, iC60, C120, NG125, NSXm, Compact NSXm, NSX100-630

Ue ≤ 440 V AC

Upstream	Compact NS630b/800/1000/1250/1600N/H																				
Trip unit	Micrologic 2.0							Micrologic 5.0 - 6.0 - 7.0 Inst 15 In							Micrologic 5.0 - 6.0 - 7.0 Inst OFF						
Downstream — Rating (A)	630			800	1000	1250	1600	630			800	1000	1250	1600	630			800	1000	1250	1600
Downstream — Setting Ir	250	400	630	800	1000	1250	1600	250	400	630	800	1000	1250	1600	250	400	630	800	1000	1250	1600
Selectivity limit (kA)																					
iDPN, iDPNN	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
iC60	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
C120N/H	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
NG125N/H	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
NG125L	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Compact NSXm E/B/F/N/H	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Compact NSX100 B/F/N/H/S/L/R TM-D	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Compact NSX160 B/F/N/H/S/L TM-D	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Compact NSX250 B/F/N/H/S/L/R TM-D — ≤ 125	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
160	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
200		T	T	T	T	T	T		T	T	T	T	T	T		T	T	T	T	T	T
250		T	T	T	T	T	T		T	T	T	T	T	T		T	T	T	T	T	T
Compact NSX100 B/F/N/H/S/L/R Micrologic — 40	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
100	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Compact NSX160 B/F/N/H/S/L Micrologic — 40	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
100	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
160	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Compact NSX250 B/F/N/H/S/L/R Micrologic — ≤ 100	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
160	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
250		T	T	T	T	T	T	T	T	T	T	T	T	T		T	T	T	T	T	T
Compact NSX400 F/N/H Micrologic — 160	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
200		T	T	T	T	T	T		T	T	T	T	T	T		T	T	T	T	T	T
250		T	T	T	T	T	T		T	T	T	T	T	T		T	T	T	T	T	T
320			T	T	T	T	T			T	T	T	T	T			T	T	T	T	T
400			T	T	T	T	T			T	T	T	T	T			T	T	T	T	T
Compact NSX400 S/L/R Micrologic — 160	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90
200		90	90	90	90	90	90		90	90	90	90	90	90		90	90	90	90	90	90
250		90	90	90	90	90	90		90	90	90	90	90	90		90	90	90	90	90	90
320			90	90	90	90	90			90	90	90	90	90			90	90	90	90	90
400			90	90	90	90	90			90	90	90	90	90			90	90	90	90	90
Compact NSX630 F/N Micrologic — 250		T	T	T	T	T	T		T	T	T	T	T	T		T	T	T	T	T	T
320			T	T	T	T	T			T	T	T	T	T			T	T	T	T	T
400			T	T	T	T	T			T	T	T	T	T			T	T	T	T	T
500				T	T	T	T				T	T	T	T				T	T	T	T
630					T	T	T					T	T	T					T	T	T
Compact NSX630 H/S/L/R Micrologic — 250		65	65	65	65	65	65		65	65	65	65	65	65		65	65	65	65	65	65
320			65	65	65	65	65			65	65	65	65	65			65	65	65	65	65
400			65	65	65	65	65			65	65	65	65	65			65	65	65	65	65
500				65	65	65	65				65	65	65	65				65	65	65	65
630					65	65	65					65	65	65					65	65	65

T	Total selectivity, up to the breaking capacity of the downstream circuit breaker.
4	Selectivity limit = 4 kA.
	No selectivity.

Note: respect the basic rules of selectivity, in terms of overload, short-circuit, ground fault and earth leakage when applicable see page 6, or check curves with Schneider Electric online “Electrical calculation tools”.

Selectivity table

Upstream: Compact NS630b-1600N/H Micrologic
Downstream: Compact NS630b-1600

Ue ⩽ 440 V AC

Upstream	Compact NS630b/800/1000/1250/1600N/H																	
Trip unit	Micrologic 2.0						Micrologic 5.0 - 6.0 - 7.0 Inst 15 In						Micrologic 5.0 - 6.0 - 7.0 Inst OFF					
Downstream Rating (A)	630		800	1000	1250	1600	630		800	1000	1250	1600	630		800	1000	1250	1600
Setting Ir	400	630	800	1000	1250	1600	400	630	800	1000	1250	1600	400	630	800	1000	1250	1600
Selectivity limit (kA)																		
Compact NS630bN/H Micrologic	**250**	4	6.3	8	10	12.5	16	9.4	9.4	12	15	18	18	18	18	18	18	18	18
	320		6.3	8	10	12.5	16		9.4	12	15	18	18		18	18	18	18	18
	400		6.3	8	10	12.5	16		9.4	12	15	18	18		18	18	18	18	18
	500			8	10	12.5	16			12	15	18	18			18	18	18	18
	630				10	12.5	16				15	18	18				18	18	18
Compact NS800N/H Micrologic	**320**		6.3	8	10	12.5	16		9.4	12	15	18	18		18	18	18	18	18
	400		6.3	8	10	12.5	16		9.4	12	15	18	18		18	18	18	18	18
	500			8	10	12.5	16			12	15	18	18			18	18	18	18
	630				10	12.5	16				15	18	18			18	18	18	18
	800					12.5	16					18	18				18	18	18
Compact NS1000N/H Micrologic	**400**		6.3	8	10	12.5	16		9.4	12	15	18	18		18	18	18	18	18
	500			8	10	12.5	16			12	15	18	18			18	18	18	18
	630				10	12.5	16				15	18	18				18	18	18
	800					12.5	16					18	18					18	18
	1000						16						18						18
Compact NS1250N/H Micrologic	**500**			8	10	12.5	16			12	15	18	18			18	18	18	18
	630				10	12.5	16				15	18	18				18	18	18
	800					12.5	16					18	18					18	18
	1000						16						18						18
	1250																		
Compact NS1600N/H Micrologic	**630**				10	12.5	16				15	18	18				18	18	18
	800					12.5	16					18	18					18	18
	960						16						18						18
	1250																		
	1600																		
Compact NS630bL/LB Micrologic	**250**	4	6.3	8	10	12.5	16	9.4	9.4	12	15	18.7	24	30	30	30	30	30	30
	320		6.3	8	10	12.5	16		9.4	12	15	18.7	24		30	30	30	30	30
	400		6.3	8	10	12.5	16		9.4	12	15	18.7	24		30	30	30	30	30
	500			8	10	12.5	16			12	15	18.7	24			30	30	30	30
	630				10	12.5	16				15	18.7	24				30	30	30
Compact NS800L/LB Micrologic	**320**		6.3	8	10	12.5	16		9.4	12	15	18.7	24		30	30	30	30	30
	400		6.3	8	10	12.5	16		9.4	12	15	18.7	24		30	30	30	30	30
	500			8	10	12.5	16			12	15	18.7	24			30	30	30	30
	630				10	12.5	16				15	18.7	24				30	30	30
	800					12.5	16					18.7	24					30	30
Compact NS1000L Micrologic	**400**		6.3	8	10	12.5	16		9.4	12	15	18.7	24		30	30	30	30	30
	500			8	10	12.5	16			12	15	18.7	24			30	30	30	30
	630				10	12.5	16				15	18.7	24				30	30	30
	800					12.5	16					18.7	24					30	30
	1000						16						24						30

4	Selectivity limit = 4 kA.
	No selectivity.

Note: respect the basic rules of selectivity, in terms of overload, short-circuit, ground fault and earth leakage when applicable see page 6, or check curves with Schneider Electric online “Electrical calculation tools”.

Selectivity table

Upstream: Compact NS1600b-3200N Micrologic
Downstream: iDPN, iC60, C120, NG125, Compact NSXm, NSX100-630, NS630b-3200

Ue ≤ 440 V AC

Upstream		Compact NS1600b/2000/2500/3200N											
Trip unit		Micrologic 2.0				Micrologic 5.0 - 6.0 - 7.0 Inst 15In				Micrologic 5.0 - 6.0 - 7.0 Inst OFF			
Downstream	**Rating (A)**	**1600**	**2000**	**2500**	**3200**	**1600**	**2000**	**2500**	**3200**	**1600**	**2000**	**2500**	**3200**
Selectivity limit (kA)													
iDPN, iDPNN		T	T	T	T	T	T	T	T	T	T	T	T
iC60N/H/L		T	T	T	T	T	T	T	T	T	T	T	T
C120N/H		T	T	T	T	T	T	T	T	T	T	T	T
NG125N/H		T	T	T	T	T	T	T	T	T	T	T	T
NG125L		T	T	T	T	T	T	T	T	T	T	T	T
NSXm E/B/F/N/H		T	T	T	T	T	T	T	T	T	T	T	T
Compact NSX B/F/N/H/S/L/R TM-D	**NSX100**	T	T	T	T	T	T	T	T	T	T	T	T
	NSX250	T	T	T	T	T	T	T	T	T	T	T	T
Compact NSX160 B/F/N/H/S/L TM-D		T	T	T	T	T	T	T	T	T	T	T	T
Compact NSX B/F/N/H/S/L/R Micrologic	**NSX100**	T	T	T	T	T	T	T	T	T	T	T	T
	NSX250	T	T	T	T	T	T	T	T	T	T	T	T
Compact NSX160 B/F/N/H/S/L Micrologic		T	T	T	T	T	T	T	T	T	T	T	T
Compact NSX F/N/H/S/L/R	**NSX400**	T	T	T	T	T	T	T	T	T	T	T	T
	NSX630	T	T	T	T	T	T	T	T	T	T	T	T
Compact NS N	**NS630b**	16	20	25	32	24	30	37.5	48	T	T	T	T
	NS800	16	20	25	32	24	30	37.5	48	T	T	T	T
	NS1000	16	20	25	32	24	30	37.5	48	T	T	T	T
	NS1250		20	25	32		30	37.5	48		T	T	T
	NS1600			25	32			37.5	48			T	T
Compact NS H	**NS630b**	16	20	25	32	24	30	37.5	48	60	60	60	60
	NS800	16	20	25	32	24	30	37.5	48	60	60	60	60
	NS1000	16	20	25	32	24	30	37.5	48	60	60	60	60
	NS1250		20	25	32		30	37.5	48		60	60	60
	NS1600			25	32			37.5	48			60	60
Compact NS N/H	**NS1600b**			25	32			37.5	48			60	60
	NS2000				32				48				60
	NS2500												
	NS3200												
Compact NS L/LB	**NS630bL/LB**	T	T	T	T	T	T	T	T	T	T	T	T
	NS800L/LB	T	T	T	T	T	T	T	T	T	T	T	T
	NS1000L	T	T	T	T	T	T	T	T	T	T	T	T

T	Total selectivity, up to the breaking capacity of the downstream circuit breaker.
4	Selectivity limit = 4 kA.
	No selectivity.

Note: respect the basic rules of selectivity, in terms of overload, short-circuit, ground fault and earth leakage when applicable see page 6, or check curves with Schneider Electric online “Electrical calculation tools”.

Selectivity table

Upstream: Compact NS1600b-3200H Micrologic
Downstream: iDPN, iC60, C120, NG125, NSX100-630, NS630b-3200

Ue ⩽ 440 V AC

Upstream		Compact NS1600b/2000/2500/3200H											
Trip unit		Micrologic 2.0				Micrologic 5.0 - 6.0 - 7.0 Inst 15 In				Micrologic 5.0 - 6.0 - 7.0 Inst OFF			
Downstream	**Rating (A)**	**1600**	**2000**	**2500**	**3200**	**1600**	**2000**	**2500**	**3200**	**1600**	**2000**	**2500**	**3200**
Selectivity limit (kA)													
iDPN, iDPNN		T	T	T	T	T	T	T	T	T	T	T	T
iC60N/H/L		T	T	T	T	T	T	T	T	T	T	T	T
C120N/H		T	T	T	T	T	T	T	T	T	T	T	T
NG125N/H		T	T	T	T	T	T	T	T	T	T	T	T
NG125L		40	40	40	40	40	40	40	40	40	40	40	40
NSXm E/B/F		T	T	T	T	T	T	T	T	T	T	T	T
NSXm N/H		40	40	40	40	40	40	40	40	40	40	40	40
Compact NSX B/F TM-D	**NSX100**	T	T	T	T	T	T	T	T	T	T	T	T
	NSX160	T	T	T	T	T	T	T	T	T	T	T	T
	NSX250	T	T	T	T	T	T	T	T	T	T	T	T
Compact NSX B/F Micrologic	**NSX100**	T	T	T	T	T	T	T	T	T	T	T	T
	NSX160	T	T	T	T	T	T	T	T	T	T	T	T
	NSX250	T	T	T	T	T	T	T	T	T	T	T	T
Compact NSX F	**NSX400**	T	T	T	T	T	T	T	T	T	T	T	T
	NSX630	T	T	T	T	T	T	T	T	T	T	T	T
Compact NSX N/H/S/L/R TM-D	**NSX100**	40	40	40	40	40	40	40	40	40	40	40	40
	NSX250	40	40	40	40	40	40	40	40	40	40	40	40
Compact NSX160 N/H/S/L TM-D		40	40	40	40	40	40	40	40	40	40	40	40
Compact NSX N/H/S/L/R Micrologic	**NSX100**	40	40	40	40	40	40	40	40	40	40	40	40
	NSX250	40	40	40	40	40	40	40	40	40	40	40	40
Compact NSX160 N/H/S/L Micrologic		40	40	40	40	40	40	40	40	40	40	40	40
Compact NSX N/H/S/L/R	**NSX400**	40	40	40	40	40	40	40	40	40	40	40	40
	NSX630	40	40	40	40	40	40	40	40	40	40	40	40
Compact NS N	**NS630b**	16	20	25	32	24	30	37.5	40	40	40	40	40
	NS800	16	20	25	32	24	30	37.5	40	40	40	40	40
	NS1000	16	20	25	32	24	30	37.5	40	40	40	40	40
	NS1250		20	25	32		30	37.5	40		40	40	40
	NS1600			25	32			37.5	40			40	40
Compact NS H	**NS630b**	16	20	25	32	24	30	37.5	40	40	40	40	40
	NS800	16	20	25	32	24	30	37.5	40	40	40	40	40
	NS1000	16	20	25	32	24	30	37.5	40	40	40	40	40
	NS1250		20	25	32		30	37.5	40		40	40	40
	NS1600			25	32			37.5	40			40	40
Compact NS N/H	**NS1600b**			25	32			37.5	40			40	40
	NS2000				32				40				40
	NS2500												
	NS3200												
Compact NS L/LB	**NS630bL/LB**	T	T	T	T	T	T	T	T	T	T	T	T
	NS800L/LB	T	T	T	T	T	T	T	T	T	T	T	T
	NS1000L	T	T	T	T	T	T	T	T	T	T	T	T

T	Total selectivity, up to the breaking capacity of the downstream circuit breaker.
4	Selectivity limit = 4 kA.
	No selectivity.

Note: respect the basic rules of selectivity, in terms of overload, short-circuit, ground fault and earth leakage when applicable see page 6, or check curves with Schneider Electric online “Electrical calculation tools”.

Selectivity table

Upstream: Compact NS630b-1000L, Compact NS630b-800LB Micrologic
Downstream: iDPN, iC60, C120, NG125, Compact NSXm, NSX100-630

Ue ≤ 440 V AC

Upstream	Compact NS630b/800/1000L Compact NS630b/800LB														
Trip unit	Micrologic 2.0					Micrologic 5.0 - 6.0 - 7.0 Inst 15 In					Micrologic 5.0 - 6.0 - 7.0 Inst OFF				
Downstream Rating (A)	630			800	1000	630			800	1000	630			800	1000
Setting Ir	250	400	630	800	1000	250	400	630	800	1000	250	400	630	800	1000
Selectivity limit (kA)															
iDPN, iDPNN	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
iC60	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
C120N/H	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
NG125N/H	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
NG125L	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Compact NSXm E/B/F/N/H	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Compact NSX100 B/F/N/H/S/L/R TM-D	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Compact NSX160 B/F TM-D	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Compact NSX160 N/H/S/L TM-D	36	36	36	T	T	36	36	36	T	T	36	36	36	T	T
Compact NSX250 B/F/N/H/S/L/R TM-D ≤ 125	20	20	20	T	T	20	20	20	T	T	20	20	20	T	T
160	20	20	20	T	T	20	20	20	T	T	20	20	20	T	T
200		20	20	T	T		20	20	T	T		20	20	T	T
250		20	20	T	T		20	20	T	T		20	20	T	T
Compact NSX100 B/F/N/H/S/L/R Micrologic 40	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
100	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Compact NSX160 B/F Micrologic 40	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
100	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
160	T	T	T	T	T	T	T	T	T	T		T	T	T	T
Compact NSX160 N/H/S/L Micrologic 40	36	36	36	T	T	36	36	36	T	T	36	36	36	T	T
100	36	36	36	T	T	36	36	36	T	T	36	36	36	T	T
160	36	36	36	T	T	36	36	36	T	T	36	36	36	T	T
Compact NSX250 B/F/N/H/S/L/R Micrologic ≤ 100	20	20	20	T	T	20	20	20	T	T	20	20	20	T	T
160		20	20	T	T		20	20	T	T		20	20	T	T
250		20	20	T	T		20	20	T	T		20	20	T	T
Compact NSX400 F/N/H/S/L/R Micrologic 160	6.3	6.3	6.3	10	15	6.3	6.3	6.3	10	15	6.3	6.3	6.3	10	15
200		6.3	6.3	10	15		6.3	6.3	10	15		6.3	6.3	10	15
250		6.3	6.3	10	15		6.3	6.3	10	15		6.3	6.3	10	15
320		6.3	6.3	10	15			6.3	10	15			6.3	10	15
400			6.3	10	15			6.3	10	15			6.3	10	15
Compact NSX630 F/N/H/S/L/R Micrologic 250		6.3	6.3	8	10		6.3	6.3	8	10		6.3	6.3	8	10
320			6.3	8	10			6.3	8	10			6.3	8	10
400			6.3	8	10			6.3	8	10			6.3	8	10
500				8	10				8	10				8	10
630					10					10					10

T	Total selectivity, up to the breaking capacity of the downstream circuit breaker.
4	Selectivity limit = 4 kA.
	No selectivity.

Note: respect the basic rules of selectivity, in terms of overload, short-circuit, ground fault and earth leakage when applicable see page 6, or check curves with Schneider Electric online “Electrical calculation tools”.

Selectivity table

Upstream: Compact NS630b-1000L, Compact NS630b-800LB Micrologic
Downstream: Compact NS630b-1000

Ue ⩽ 440 V AC

Upstream	Compact NS630b/800/1000L Compact NS630b/800LB														
Trip unit	Micrologic 2.0					Micrologic 5.0 - 6.0 - 7.0 Inst 15 In					Micrologic 5.0 - 6.0 - 7.0 Inst OFF				
Downstream	**Rating (A)**	**630**			**800**	**1000**	**630**			**800**	**1000**	**630**			**800**	**1000**
	Setting Ir	**250**	**400**	**630**	**800**	**1000**	**250**	**400**	**630**	**800**	**1000**	**250**	**400**	**630**	**800**	**1000**
Selectivity limit (kA)																
Compact NS630b N/H Micrologic	**250**		6.3	6.3	8	10		6.3	6.3	8	10		6.3	6.3	8	10
	320			6.3	8	10			6.3	8	10			6.3	8	10
	400			6.3	8	10			6.3	8	10			6.3	8	10
	500				8	10				8	10				8	10
	630					10					10					10
Compact NS800 N/H Micrologic	**320**			6.3	8	10			6.3	8	10			6.3	8	10
	400			6.3	8	10			6.3	8	10			6.3	8	10
	500				8	10				8	10				8	10
	630					10					10					10
	800															
Compact NS1000 N/H Micrologic	**400**			6.3	8	10			6.3	8	10			6.3	8	10
	500				8	10				8	10				8	10
	630					10					10					10
	800															
	1000															
Compact NS630b L/LB Micrologic	**250**		6.3	6.3	8	10		6.3	6.3	8	10		6.3	6.3	8	10
	320			6.3	8	10			6.3	8	10			6.3	8	10
	400			6.3	8	10			6.3	8	10			6.3	8	10
	500				8	10				8	10				8	10
	630					10					10					10
Compact NS800 L/LB Micrologic	**320**			6.3	8	10			6.3	8	10			6.3	8	10
	400			6.3	8	10			6.3	8	10			6.3	8	10
	500				8	10				8	10				8	10
	630					10					10					10
	800															
Compact NS1000 L Micrologic	**400**			6.3	8	10			6.3	8	10			6.3	8	10
	500				8	10				8	10				8	10
	630					10					10					10
	800															
	1000															

4	Selectivity limit = 4 kA.
	No selectivity.

Note: respect the basic rules of selectivity, in terms of overload, short-circuit, ground fault and earth leakage when applicable see page 6, or check curves with Schneider Electric online “Electrical calculation tools”.

Selectivity table

Upstream: Masterpact MTZ1 06-16 H1/H2/H3 Micrologic X
Downstream: iDPN, iC60, C120, NG125, Compact NSXm, NSX100-630

Ue ≤ 440 V AC

Upstream	Masterpact MTZ1 06/08/10/12/16 H1/H2/H3																				
Trip unit	Micrologic 2.0X Isd = 10Ir							Micrologic 5.0X - 6.0X - 7.0X Inst : 15 In Standard							Micrologic 5.0X - 6.0X - 7.0X Inst : OFF						
Downstream / Rating (A)	630			800	1000	1250	1600	630			800	1000	1250	1600	630			800	1000	1250	1600
Setting Ir	250	400	630	800	1000	1250	1600	250	400	630	800	1000	1250	1600	250	400	630	800	1000	1250	1600
Selectivity limit (kA)																					
iDPN, iDPNN	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
iC60	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
C120N/H	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
NG125N/H	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
NG125L	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
NSXm E/B/F/N/H	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Compact NSX100 B/F/N/H/S/L/R TM-D	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Compact NSX160 B/F/N/H/S/L TM-D	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Compact NSX250 B/F/N/H/S/L/R TM-D ≤ 125	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
160	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
200		T	T	T	T	T	T		T	T	T	T	T	T		T	T	T	T	T	T
250		T	T	T	T	T	T		T	T	T	T	T	T		T	T	T	T	T	T
Compact NSX100 B/F/N/H/S/L/R Micrologic 40	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
100	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Compact NSX160 B/F/N/H/S/L Micrologic 40	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
100	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
160	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Compact NSX250 B/F/N/H/S/L/R Micrologic ≤ 100	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
160	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
250		T	T	T	T	T	T	T	T	T	T	T	T	T		T	T	T	T	T	T
Compact NSX400 F/N/H/S/L/R Micrologic 160	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
200		T	T	T	T	T	T		T	T	T	T	T	T		T	T	T	T	T	T
250		T	T	T	T	T	T		T	T	T	T	T	T		T	T	T	T	T	T
320			T	T	T	T	T			T	T	T	T	T			T	T	T	T	T
400			T	T	T	T	T			T	T	T	T	T			T	T	T	T	T
Compact NSX630 F/N/H/S/L/R Micrologic 250		T	T	T	T	T	T		T	T	T	T	T	T		T	T	T	T	T	T
320			T	T	T	T	T			T	T	T	T	T			T	T	T	T	T
400			T	T	T	T	T			T	T	T	T	T			T	T	T	T	T
500				T	T	T	T				T	T	T	T				T	T	T	T
630					T	T	T					T	T	T					T	T	T

T Total selectivity, up to the breaking capacity of the downstream circuit breaker.

No selectivity.

Note: respect the basic rules of selectivity, in terms of overload, short-circuit, ground fault and earth leakage when applicable see page 6, or check curves with Schneider Electric online “Electrical calculation tools”.

Selectivity table

Upstream: Masterpact MTZ1 06-16 H1 Micrologic X
Downstream: Compact NS630b-1600 Micrologic A/E/P

Ue ⩽ 440 V AC

Upstream	Masterpact MTZ1 06/08/10/12/16 H1																	
Trip unit	Micrologic 2.0X Isd = 10Ir						Micrologic 5.0X - 6.0X - 7.0X Inst : 15 In Standard						Micrologic 5.0X - 6.0X - 7.0X Inst : OFF					
Downstream	**Rating (A)**	**630**		**800**	**1000**	**1250**	**1600**	**630**		**800**	**1000**	**1250**	**1600**	**630**		**800**	**1000**	**1250**	**1600**
	Setting Ir	**400**	**630**	**800**	**1000**	**1250**	**1600**	**400**	**630**	**800**	**1000**	**1250**	**1600**	**400**	**630**	**800**	**1000**	**1250**	**1600**
Selectivity limit (kA)																			
Compact NS630b N/H Micrologic 2.0 - 5.0 - 6.0 - 7.0 A/E/P	**250**	4	6.3	8	10	12.5	16	9.4	9.4	12	15	18.7	24	T	T	T	T	T	T
	320		6.3	8	10	12.5	16		9.4	12	15	18.7	24		T	T	T	T	T
	400		6.3	8	10	12.5	16		9.4	12	15	18.7	24		T	T	T	T	T
	500			8	10	12.5	16			12	15	18.7	24			T	T	T	T
	630				10	12.5	16				15	18.7	24				T	T	T
Compact NS800 N/H Micrologic 2.0 - 5.0 - 6.0 - 7.0 A/E/P	**320**		6.3	8	10	12.5	16		9.4	12	15	18.7	24		T	T	T	T	T
	400		6.3	8	10	12.5	16		9.4	12	15	18.7	24		T	T	T	T	T
	500			8	10	12.5	16			12	15	18.7	24			T	T	T	T
	630				10	12.5	16				15	18.7	24			T	T	T	T
	800					12.5	16					18.7	24				T	T	T
Compact NS1000 N/H Micrologic 2.0 - 5.0 - 6.0 - 7.0 A/E/P	**400**		6.3	8	10	12.5	16		9.4	12	15	18.7	24		T	T	T	T	T
	500			8	10	12.5	16			12	15	18.7	24			T	T	T	T
	630				10	12.5	16				15	18.7	24				T	T	T
	800					12.5	16					18.7	24					T	T
	1000						16						24						T
Compact NS1250 N/H Micrologic 2.0 - 5.0 - 6.0 - 7.0 A/E/P	**500**			8	10	12.5	16			12	15	18.7	24			T	T	T	T
	630				10	12.5	16				15	18.7	24				T	T	T
	800					12.5	16					18.7	24					T	T
	1000						16						24						T
	1250																		
Compact NS1600 N/H Micrologic 2.0 - 5.0 - 6.0 - 7.0 A/E/P	**630**				10	12.5	16				15	18.7	24				T	T	T
	800					12.5	16					18.7	24					T	T
	960						16						24						T
	1250																		
	1600																		
Compact NS630b L/LB Micrologic 2.0 - 5.0 - 6.0 - 7.0 A/E/P	**250**	4	6.3	8	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	320		6.3	8	T	T	T		T	T	T	T	T		T	T	T	T	T
	400		6.3	8	T	T	T		T	T	T	T	T		T	T	T	T	T
	500			8	T	T	T			T	T	T	T			T	T	T	T
	630				T	T	T				T	T	T				T	T	T
Compact NS800 L/LB Micrologic 2.0 - 5.0 - 6.0 - 7.0 A/E/P	**320**		6.3	8	10	T	T		9.4	T	T	T	T		T	T	T	T	T
	400		6.3	8	10	T	T		9.4	T	T	T	T		T	T	T	T	T
	500			8	10	T	T			T	T	T	T			T	T	T	T
	630				10	T	T				T	T	T				T	T	T
	800					12.5	T					T	T					T	T
Compact NS1000 L Micrologic 2.0 - 5.0 - 6.0 - 7.0 A/E/P	**400**		6.3	8	10	12.5	T		9.4	12	T	T	T		T	T	T	T	T
	500			8	10	12.5	T			12	T	T	T			T	T	T	T
	630				10	12.5	T				T	T	T				T	T	T
	800					12.5	T					T	T					T	T
	1000						T						T						T

T Total selectivity, up to the breaking capacity of the downstream circuit breaker.

4 Selectivity limit = 4 kA.

No selectivity.

Note: respect the basic rules of selectivity, in terms of overload, short-circuit, ground fault and earth leakage when applicable see page 6, or check curves with Schneider Electric online “Electrical calculation tools”.

Selectivity table

Upstream: Masterpact MTZ1 06-16 H1 Micrologic X
Downstream: Masterpact MTZ1 06-16

Ue ⩽ 440 V AC

Upstream	Masterpact MTZ1 06/08/10/12/16 H1																	
Trip unit	Micrologic 2.0X Isd = 10Ir						Micrologic 5.0X - 6.0X - 7.0X Inst : 15 In Standard						Micrologic 5.0X - 6.0X - 7.0X Inst : OFF					
Downstream	**Rating (A)**	**630**		**800**	**1000**	**1250**	**1600**	**630**		**800**	**1000**	**1250**	**1600**	**630**		**800**	**1000**	**1250**	**1600**
	Setting Ir	**400**	**630**	**800**	**1000**	**1250**	**1600**	**400**	**630**	**800**	**1000**	**1250**	**1600**	**400**	**630**	**800**	**1000**	**1250**	**1600**
Selectivity limit (kA)																			
Masterpact MTZ1 06 H1/H2/H3 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**250**	4	6.3	8	10	12.5	16	9.4	9.4	12	15	18.7	24	T	T	T	T	T	T
	320		6.3	8	10	12.5	16		9.4	12	15	18.7	24		T	T	T	T	T
	400		6.3	8	10	12.5	16		9.4	12	15	18.7	24		T	T	T	T	T
	500			8	10	12.5	16			12	15	18.7	24			T	T	T	T
	630				10	12.5	16				15	18.7	24				T	T	T
Masterpact MTZ1 08 H1/H2/H3 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**320**		6.3	8	10	12.5	16		9.4	12	15	18.7	24		T	T	T	T	T
	400		6.3	8	10	12.5	16		9.4	12	15	18.7	24		T	T	T	T	T
	500			8	10	12.5	16			12	15	18.7	24			T	T	T	T
	630				10	12.5	16				15	18.7	24			T	T	T	T
	800					12.5	16					18.7	24				T	T	T
Masterpact MTZ1 10 H1/H2/H3 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**400**		6.3	8	10	12.5	16		9.4	12	15	18.7	24		T	T	T	T	T
	500			8	10	12.5	16			12	15	18.7	24			T	T	T	T
	630				10	12.5	16				15	18.7	24				T	T	T
	800					12.5	16					18.7	24					T	T
	1000						16						24						T
Masterpact MTZ1 12 H1/H2/H3 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**500**			8	10	12.5	16			12	15	18.7	24			T	T	T	T
	630				10	12.5	16				15	18.7	24				T	T	T
	800					12.5	16					18.7	24					T	T
	1000						16						24						T
	1250																		
Masterpact MTZ1 16 H1/H2/H3 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**630**				10	12.5	16				15	18.7	24				T	T	T
	800					12.5	16					18.7	24					T	T
	960						16						24						T
	1250																		
	1600																		
Masterpact MTZ1 06 L1 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**250**	4	6.3	8	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	320		6.3	8	T	T	T		T	T	T	T	T		T	T	T	T	T
	400		6.3	8	T	T	T		T	T	T	T	T		T	T	T	T	T
	500			8	T	T	T			T	T	T	T			T	T	T	T
	630				T	T	T				T	T	T				T	T	T
Masterpact MTZ1 08 L1 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**320**		6.3	8	10	T	T		9.4	T	T	T	T		T	T	T	T	T
	400		6.3	8	10	T	T		9.4	T	T	T	T		T	T	T	T	T
	500			8	10	T	T			T	T	T	T			T	T	T	T
	630				10	T	T				T	T	T				T	T	T
	800					T	T					T	T					T	T
Masterpact MTZ1 10 L1 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**400**		6.3	8	10	12.5	T		9.4	12	T	T	T		T	T	T	T	T
	500			8	10	12.5	T			12	T	T	T			T	T	T	T
	630				10	12.5	T				T	T	T				T	T	T
	800					12.5	T					T	T					T	T
	1000						T						T						T

T	Total selectivity, up to the breaking capacity of the downstream circuit breaker.
4	Selectivity limit = 4 kA.
	No selectivity.

Note: respect the basic rules of selectivity, in terms of overload, short-circuit, ground fault and earth leakage when applicable see page 6, or check curves with Schneider Electric online “Electrical calculation tools”.

Selectivity table

Upstream: Masterpact MTZ1 06-16 H2 Micrologic X
Downstream: Compact NS630b-1600 Micrologic A/E/P

Ue ⩽ 440 V AC

Upstream	Masterpact MTZ1 06/08/10/12/16 H2																	
Trip unit	Micrologic 2.0X Isd = 10Ir						Micrologic 5.0X - 6.0X - 7.0X Inst : 15 In Standard						Micrologic 5.0X - 6.0X - 7.0X Inst : OFF					
Downstream	**Rating (A)**	**630**		**800**	**1000**	**1250**	**1600**	**630**		**800**	**1000**	**1250**	**1600**	**630**		**800**	**1000**	**1250**	**1600**
	Setting Ir	**400**	**630**	**800**	**1000**	**1250**	**1600**	**400**	**630**	**800**	**1000**	**1250**	**1600**	**400**	**630**	**800**	**1000**	**1250**	**1600**
Selectivity limit (kA)																			
Compact NS630b N/H Micrologic 2.0 - 5.0 - 6.0 A/E/P/H	**250**	4	6.3	8	10	12.5	16	9.4	9.4	12	15	18.7	24	42	42	42	42	42	42
	320		6.3	8	10	12.5	16		9.4	12	15	18.7	24		42	42	42	42	42
	400		6.3	8	10	12.5	16		9.4	12	15	18.7	24		42	42	42	42	42
	500			8	10	12.5	16			12	15	18.7	24			42	42	42	42
	630				10	12.5	16				15	18.7	24				42	42	42
Compact NS800 N/H Micrologic 2.0 - 5.0 - 6.0 - 7.0 A/E/P/H	**320**		6.3	8	10	12.5	16		9.4	12	15	18.7	24		42	42	42	42	42
	400		6.3	8	10	12.5	16		9.4	12	15	18.7	24		42	42	42	42	42
	500			8	10	12.5	16			12	15	18.7	24			42	42	42	42
	630				10	12.5	16				15	18.7	24			42	42	42	42
	800					12.5	16					18.7	24				42	42	42
Compact NS1000 N/H Micrologic 2.0 - 5.0 - 6.0 - 7.0 A/E/P/H	**400**		6.3	8	10	12.5	16		9.4	12	15	18.7	24		42	42	42	42	42
	500			8	10	12.5	16			12	15	18.7	24			42	42	42	42
	630				10	12.5	16				15	18.7	24				42	42	42
	800					12.5	16					18.7	24					42	42
	1000						16						24						42
Compact NS1250 N/H Micrologic 2.0 - 5.0 - 6.0 - 7.0 A/E/P/H	**500**			8	10	12.5	16			12	15	18.7	24			42	42	42	42
	630				10	12.5	16				15	18.7	24				42	42	42
	800					12.5	16					18.7	24					42	42
	1000						16						24						42
	1250																		
Compact NS1600 N/H Micrologic 2.0 - 5.0 - 6.0 - 7.0 A/E/P/H	**630**				10	12.5	16				15	18.7	24				42	42	42
	800					12.5	16					18.7	24					42	42
	960						16						24						42
	1250																		
	1600																		
Compact NS630b L/LB Micrologic 2.0 - 5.0 - 6.0 - 7.0 A/E/P/H	**250**	4	6.3	8	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	320		6.3	8	T	T	T		T	T	T	T	T		T	T	T	T	T
	400		6.3	8	T	T	T		T	T	T	T	T		T	T	T	T	T
	500			8	T	T	T			T	T	T	T			T	T	T	T
	630				T	T	T				T	T	T				T	T	T
Compact NS800 L/LB Micrologic 2.0 - 5.0 - 6.0 - 7.0 A/E/P/H	**320**		6.3	8	10	T	T		9.4	T	T	T	T		T	T	T	T	T
	400		6.3	8	10	T	T		9.4	T	T	T	T		T	T	T	T	T
	500			8	10	T	T			T	T	T	T			T	T	T	T
	630				10	T	T				T	T	T				T	T	T
	800					T	T					T	T					T	T
Compact NS1000 L Micrologic 2.0 - 5.0 - 6.0 - 7.0 A/E/P/H	**400**		6.3	8	10	12.5	T		9.4	12	T	T	T		T	T	T	T	T
	500			8	10	12.5	T			12	T	T	T			T	T	T	T
	630				10	12.5	T				T	T	T				T	T	T
	800					12.5	T					T	T					T	T
	1000						T						T						T

T	Total selectivity, up to the breaking capacity of the downstream circuit breaker.
4	Selectivity limit = 4 kA.
	No selectivity.

Note: respect the basic rules of selectivity, in terms of overload, short-circuit, ground fault and earth leakage when applicable see page 6, or check curves with Schneider Electric online “Electrical calculation tools”.

Selectivity table

Upstream: Masterpact MTZ1 06-16 H2 Micrologic X
Downstream: Masterpact MTZ1 06-16

Ue ⩽ 440 V AC

Upstream	Masterpact MTZ1 06/08/10/12/16 H2																	
Trip unit	Micrologic 2.0X Isd = 10Ir						Micrologic 5.0X - 6.0X - 7.0X Inst : 15 In Standard						Micrologic 5.0X - 6.0X - 7.0X Inst : OFF					
Downstream	**Rating (A)**	**630**		**800**	**1000**	**1250**	**1600**	**630**		**800**	**1000**	**1250**	**1600**	**630**		**800**	**1000**	**1250**	**1600**
	Setting Ir	**400**	**630**	**800**	**1000**	**1250**	**1600**	**400**	**630**	**800**	**1000**	**1250**	**1600**	**400**	**630**	**800**	**1000**	**1250**	**1600**
Selectivity limit (kA)																			
Masterpact MTZ1 06 H1/H2/H3 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**250**	4	6.3	8	10	12.5	16	9.4	9.4	12	15	18.7	24	42	42	42	42	42	42
	320		6.3	8	10	12.5	16		9.4	12	15	18.7	24		42	42	42	42	42
	400		6.3	8	10	12.5	16		9.4	12	15	18.7	24		42	42	42	42	42
	500			8	10	12.5	16			12	15	18.7	24			42	42	42	42
	630				10	12.5	16				15	18.7	24				42	42	42
Masterpact MTZ1 08 H1/H2/H3 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**320**		6.3	8	10	12.5	16		9.4	12	15	18.7	24		42	42	42	42	42
	400		6.3	8	10	12.5	16		9.4	12	15	18.7	24		42	42	42	42	42
	500			8	10	12.5	16			12	15	18.7	24			42	42	42	42
	630				10	12.5	16				15	18.7	24			42	42	42	42
	800					12.5	16					18.7	24				42	42	42
Masterpact MTZ1 10 H1/H2/H3 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**400**		6.3	8	10	12.5	16		9.4	12	15	18.7	24		42	42	42	42	42
	500			8	10	12.5	16			12	15	18.7	24			42	42	42	42
	630				10	12.5	16				15	18.7	24				42	42	42
	800					12.5	16					18.7	24					42	42
	1000						16						24						42
Masterpact MTZ1 12 H1/H2/H3 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**500**			8	10	12.5	16			12	15	18.7	24			42	42	42	42
	630				10	12.5	16				15	18.7	24				42	42	42
	800					12.5	16					18.7	24					42	42
	1000						16						24						42
	1250																		
Masterpact MTZ1 16 H1/H2/H3 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**630**				10	12.5	16				15	18.7	24				42	42	42
	800					12.5	16					18.7	24					42	42
	960						16						24						42
	1250																		
	1600																		
Masterpact MTZ1 06 L1 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**250**	4	6.3	8	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	320		6.3	8	T	T	T		T	T	T	T	T		T	T	T	T	T
	400		6.3	8	T	T	T		T	T	T	T	T		T	T	T	T	T
	500			8	T	T	T			T	T	T	T			T	T	T	T
	630				T	T	T				T	T	T				T	T	T
Masterpact MTZ1 08 L1 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**320**		6.3	8	10	T	T		9.4	T	T	T	T		T	T	T	T	T
	400		6.3	8	10	T	T		9.4	T	T	T	T		T	T	T	T	T
	500			8	10	T	T			T	T	T	T			T	T	T	T
	630				10	T	T				T	T	T				T	T	T
	800					T	T					T	T					T	T
Masterpact MTZ1 10 L1 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**400**		6.3	8	10	12.5	T		9.4	12	T	T	T		T	T	T	T	T
	500			8	10	12.5	T			12	T	T	T			T	T	T	T
	630				10	12.5	T				T	T	T				T	T	T
	800					12.5	T					T	T					T	T
	1000						T						T						T

T	Total selectivity, up to the breaking capacity of the downstream circuit breaker.
4	Selectivity limit = 4 kA.
	No selectivity.

Note: respect the basic rules of selectivity, in terms of overload, short-circuit, ground fault and earth leakage when applicable see page 6, or check curves with Schneider Electric online “Electrical calculation tools”.

Selectivity table

Upstream: Masterpact MTZ1 06-16 H3 Micrologic X
Downstream: Compact NS630b-1600 Micrologic A/E/P

Ue ⩽ 440 V AC

Upstream	Masterpact MTZ1 06/08/10/12/16 H3																	
Trip unit	Micrologic 2.0X Isd = 10Ir						Micrologic 5.0X - 6.0X - 7.0X Inst : 15 In Standard						Micrologic 5.0X - 6.0X - 7.0X Inst : OFF					
Downstream	**Rating (A)**	**630**		**800**	**1000**	**1250**	**1600**	**630**		**800**	**1000**	**1250**	**1600**	**630**		**800**	**1000**	**1250**	**1600**
	Setting Ir	**400**	**630**	**800**	**1000**	**1250**	**1600**	**400**	**630**	**800**	**1000**	**1250**	**1600**	**400**	**630**	**800**	**1000**	**1250**	**1600**
Selectivity limit (kA)																			
Compact NS630b N/H Micrologic 2.0 - 5.0 - 6.0 - 7.0 A/E/P	**250**	4	6.3	8	10	12.5	16	9.4	9.4	12	15	18.7	24	50	50	50	50	50	50
	320		6.3	8	10	12.5	16		9.4	12	15	18.7	24		50	50	50	50	50
	400		6.3	8	10	12.5	16		9.4	12	15	18.7	24		50	50	50	50	50
	500			8	10	12.5	16			12	15	18.7	24			50	50	50	50
	630				10	12.5	16				15	18.7	24				50	50	50
Compact NS800 N/H Micrologic 2.0 - 5.0 - 6.0 - 7.0 A/E/P	**320**		6.3	8	10	12.5	16		9.4	12	15	18.7	24		50	50	50	50	50
	400		6.3	8	10	12.5	16		9.4	12	15	18.7	24		50	50	50	50	50
	500			8	10	12.5	16			12	15	18.7	24			50	50	50	50
	630				10	12.5	16				15	18.7	24			50	50	50	50
	800					12.5	16					18.7	24				50	50	50
Compact NS1000 N/H Micrologic 2.0 - 5.0 - 6.0 - 7.0 A/E/P	**400**		6.3	8	10	12.5	16		9.4	12	15	18.7	24		50	50	50	50	50
	500			8	10	12.5	16			12	15	18.7	24			50	50	50	50
	630				10	12.5	16				15	18.7	24				50	50	50
	800					12.5	16					18.7	24					50	50
	1000						16						24						50
Compact NS1250 N/H Micrologic 2.0 - 5.0 - 6.0 - 7.0 A/E/P	**500**			8	10	12.5	16			12	15	18.7	24			50	50	50	50
	630				10	12.5	16				15	18.7	24				50	50	50
	800					12.5	16					18.7	24					50	50
	1000						16						24						50
	1250																		
Compact NS1600 N/H Micrologic 2.0 - 5.0 - 6.0 - 7.0 A/E/P	**630**				10	12.5	16				15	18.7	24				50	50	50
	800					12.5	16					18.7	24					50	50
	960						16						24						50
	1250																		
	1600																		
Compact NS630b L/LB Micrologic 2.0 - 5.0 - 6.0 - 7.0 A/E/P	**250**	4	6.3	8	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	320		6.3	8	T	T	T		T	T	T	T	T		T	T	T	T	T
	400		6.3	8	T	T	T		T	T	T	T	T		T	T	T	T	T
	500			8	T	T	T			T	T	T	T			T	T	T	T
	630				T	T	T				T	T	T				T	T	T
Compact NS800 L/LB Micrologic 2.0 - 5.0 - 6.0 - 7.0 A/E/P	**320**		6.3	8	10	T	T		9.4	T	T	T	T		T	T	T	T	T
	400		6.3	8	10	T	T		9.4	T	T	T	T		T	T	T	T	T
	500			8	10	T	T			T	T	T	T			T	T	T	T
	630				10	T	T				T	T	T				T	T	T
	800					T	T					T	T					T	T
Compact NS1000 L Micrologic 2.0 - 5.0 - 6.0 - 7.0 A/E/P	**400**		6.3	8	10	12.5	T		9.4	12	T	T	T		T	T	T	T	T
	500			8	10	12.5	T			12	T	T	T			T	T	T	T
	630				10	12.5	T				T	T	T				T	T	T
	800					12.5	T					T	T					T	T
	1000						T						T						T

T Total selectivity, up to the breaking capacity of the downstream circuit breaker.

4 Selectivity limit = 4 kA.

No selectivity.

Note: respect the basic rules of selectivity, in terms of overload, short-circuit, ground fault and earth leakage when applicable see page 6, or check curves with Schneider Electric online “Electrical calculation tools”.

Selectivity table

Upstream: Masterpact MTZ1 06-16 H3 Micrologic X
Downstream: Masterpact MTZ1 06-16

Ue ⩽ 440 V AC

Upstream	Masterpact MTZ1 06/08/10/12/16 H3																	
Trip unit	Micrologic 2.0X Isd = 10Ir						Micrologic 5.0X - 6.0X - 7.0X Inst : 15 In Standard						Micrologic 5.0X - 6.0X - 7.0X Inst : OFF					
Downstream	**Rating (A)**	**630**		**800**	**1000**	**1250**	**1600**	**630**		**800**	**1000**	**1250**	**1600**	**630**		**800**	**1000**	**1250**	**1600**
	Setting Ir	**400**	**630**	**800**	**1000**	**1250**	**1600**	**400**	**630**	**800**	**1000**	**1250**	**1600**	**400**	**630**	**800**	**1000**	**1250**	**1600**
Selectivity limit (kA)																			
Masterpact MTZ1 06 H1/H2/H3 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**250**	4	6.3	8	10	12.5	16	9.4	9.4	12	15	18.7	24	50	50	50	50	50	50
	320		6.3	8	10	12.5	16		9.4	12	15	18.7	24		50	50	50	50	50
	400		6.3	8	10	12.5	16		9.4	12	15	18.7	24		50	50	50	50	50
	500			8	10	12.5	16			12	15	18.7	24			50	50	50	50
	630				10	12.5	16				15	18.7	24				50	50	50
Masterpact MTZ1 08 H1/H2/H3 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**320**		6.3	8	10	12.5	16		9.4	12	15	18.7	24		50	50	50	50	50
	400		6.3	8	10	12.5	16		9.4	12	15	18.7	24		50	50	50	50	50
	500			8	10	12.5	16			12	15	18.7	24			50	50	50	50
	630				10	12.5	16				15	18.7	24			50	50	50	50
	800					12.5	16					18.7	24				50	50	50
Masterpact MTZ1 10 H1/H2/H3 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**400**		6.3	8	10	12.5	16		9.4	12	15	18.7	24		50	50	50	50	50
	500			8	10	12.5	16			12	15	18.7	24			50	50	50	50
	630				10	12.5	16				15	18.7	24				50	50	50
	800					12.5	16					18.7	24					50	50
	1000						16						24						50
Masterpact MTZ1 12 H1/H2/H3 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**500**			8	10	12.5	16			12	15	18.7	24			50	50	50	50
	630				10	12.5	16				15	18.7	24				50	50	50
	800					12.5	16					18.7	24					50	50
	1000						16						24						50
	1250																		
Masterpact MTZ1 16 H1/H2/H3 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**630**				10	12.5	16				15	18.7	24				50	50	50
	800					12.5	16					18.7	24					50	50
	960						16						24						50
	1250																		
	1600																		
Masterpact MTZ1 06 L1 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**250**	4	6.3	8	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	320		6.3	8	T	T	T		T	T	T	T	T		T	T	T	T	T
	400		6.3	8	T	T	T		T	T	T	T	T		T	T	T	T	T
	500			8	T	T	T			T	T	T	T			T	T	T	T
	630				T	T	T				T	T	T				T	T	T
Masterpact MTZ1 08 L1 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**320**		6.3	8	10	T	T		9.4	T	T	T	T		T	T	T	T	T
	400		6.3	8	10	T	T		9.4	T	T	T	T		T	T	T	T	T
	500			8	10	T	T			T	T	T	T			T	T	T	T
	630				10	T	T				T	T	T				T	T	T
	800					T	T					T	T					T	T
Masterpact MTZ1 10 L1 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**400**		6.3	8	10	12.5	T		9.4	12	T	T	T		T	T	T	T	T
	500			8	10	12.5	T			12	T	T	T			T	T	T	T
	630				10	12.5	T				T	T	T				T	T	T
	800					12.5	T					T	T					T	T
	1000						T						T						T

T	Total selectivity, up to the breaking capacity of the downstream circuit breaker.
4	Selectivity limit = 4 kA.
	No selectivity.

Note: respect the basic rules of selectivity, in terms of overload, short-circuit, ground fault and earth leakage when applicable see page 6, or check curves with Schneider Electric online “Electrical calculation tools”.

Selectivity table

Upstream: Masterpact MTZ1 06-10 L1 Micrologic X
Downstream: iDPN, iC60, C120, NG125, Compact NSXm, NSX100-630

Ue ≤ 440 V AC

Upstream		Masterpact MTZ1 06/08/10 L1														
Trip unit		Micrologic 2.0X Isd = 10Ir					Micrologic 5.0X - 6.0X - 7.0X Inst : 15 In Standard					Micrologic 5.0X - 6.0X - 7.0X Inst : OFF				
Downstream	**Rating (A)**	**630**			**800**	**1000**	**630**			**800**	**1000**	**630**			**800**	**1000**
	Setting Ir	**250**	**400**	**630**	**800**	**1000**	**250**	**400**	**630**	**800**	**1000**	**250**	**400**	**630**	**800**	**1000**
Selectivity limit (kA)																
iDPN, iDPNN		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
iC60		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
C120N/H		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
NG125N/H		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
NG125L		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
NSXm E/B/F/N/H		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Compact NSX100 B/FN/H/S/L/R TM-D		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Compact NSX160 B/F TM-D		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Compact NSX160 N/H/S/L TM-D		36	36	36	T	T	36	36	36	T	T	36	36	36	T	T
Compact NSX250 B/F/N//H/S/L/R TM-D	**≤ 125**	20	20	20	T	T	20	20	20	T	T	20	20	20	T	T
	160	20	20	20	T	T	20	20	20	T	T	20	20	20	T	T
	200		20	20	T	T		20	20	T	T		20	20	T	T
	250		20	20	T	T		20	20	T	T		20	20	T	T
Compact NSX100 B/F/N/H/S/L/R Micrologic	**40**	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	100	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Compact NSX160 B/F Micrologic	**40**	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	100	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	160	T	T	T	T	T	T	T	T	T	T		T	T	T	T
Compact NSX160 N/H/S/L Micrologic	**40**	36	36	36	T	T	36	36	36	T	T	36	36	36	T	T
	100	36	36	36	T	T	36	36	36	T	T	36	36	36	T	T
	160	36	36	36	T	T	36	36	36	T	T	36	36	36	T	T
Compact NSX250 B/F/N/H/S/L/R Micrologic	**≤ 100**	20	20	20	T	T	20	20	20	T	T	20	20	20	T	T
	160		20	20	T	T		20	20	T	T		20	20	T	T
	250		20	20	T	T		20	20	T	T		20	20	T	T
Compact NSX400 F/N/H/S/L/R Micrologic	**160**	6.3	6.3	6.3	10	15	6.3	6.3	6.3	10	15	6.3	6.3	6.3	10	15
	200		6.3	6.3	10	15		6.3	6.3	10	15		6.3	6.3	10	15
	250		6.3	6.3	10	15		6.3	6.3	10	15		6.3	6.3	10	15
	320		6.3	6.3	10	15			6.3	10	15			6.3	10	15
	400			6.3	10	15			6.3	10	15			6.3	10	15
Compact NSX630 F/N/H/S/L/R Micrologic	**250**		6.3	6.3	8	10		6.3	6.3	8	10		6.3	6.3	8	10
	320			6.3	8	10			6.3	8	10			6.3	8	10
	400			6.3	8	10			6.3	8	10			6.3	8	10
	500				8	10				8	10				8	10
	630					10					10					10

T	Total selectivity, up to the breaking capacity of the downstream circuit breaker.
4	Selectivity limit = 4 kA.
	No selectivity.

Note: respect the basic rules of selectivity, in terms of overload, short-circuit, ground fault and earth leakage when applicable see page 6, or check curves with Schneider Electric online “Electrical calculation tools”.

Selectivity table

Upstream: Masterpact MTZ1 06-10 L1 Micrologic X
Downstream: Compact NS630b-1000, Masterpact MTZ1 06-10

Ue ⩽ 440 V AC

Upstream	Masterpact MTZ1 06/08/10 L1														
Trip unit	Micrologic 2.0X Isd = 10Ir					Micrologic 5.0X - 6.0X - 7.0X Inst : 15 In Standard					Micrologic 5.0X - 6.0X - 7.0X Inst : OFF				
Downstream	**Rating (A)**	**630**			**800**	**1000**	**630**			**800**	**1000**	**630**			**800**	**1000**
	Setting Ir	**250**	**400**	**630**	**800**	**1000**	**250**	**400**	**630**	**800**	**1000**	**250**	**400**	**630**	**800**	**1000**
Selectivity limit (kA)																
Compact NS630b N/H/L/LB Micrologic 2.0 - 5.0 - 6.0 - 7.0 A/E/P	**250**		6.3	6.3	8	10		6.3	6.3	8	10		6.3	6.3	8	10
	320			6.3	8	10			6.3	8	10			6.3	8	10
	400			6.3	8	10			6.3	8	10			6.3	8	10
	500				8	10				8	10				8	10
	630					10					10					10
Compact NS800 N/H/L/LB Micrologic 2.0 - 5.0 - 6.0 - 7.0 A/E/P	**320**			6.3	8	10			6.3	8	10			6.3	8	10
	400			6.3	8	10			6.3	8	10			6.3	8	10
	500				8	10				8	10				8	10
	630					10					10					10
	800															
Compact NS1000 N/H/L Micrologic 2.0 - 5.0 - 6.0 - 7.0 A/E/P	**400**					10					10			6.3	10	10
	500					10					10				10	10
	630					10					10					10
	800															
	1000															
Masterpact MTZ1 06 H1/H2/H3/L1 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**250**		6.3	6.3	8	10		6.3	6.3	8	10		6.3	6.3	8	10
	320			6.3	8	10			6.3	8	10			6.3	8	10
	400			6.3	8	10			6.3	8	10			6.3	8	10
	500				8	10				8	10				8	10
	630					10					10					10
Masterpact MTZ1 08 H1/H2/H3/L1 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**320**			6.3	8	10			6.3	8	10			6.3	8	10
	400			6.3	8	10			6.3	8	10			6.3	8	10
	500				8	10				8	10				8	10
	630					10					10					10
	800															
Masterpact MTZ1 10 H1/H2/H3/L1 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**400**					10					10			6.3	10	10
	500					10					10				10	10
	630					10					10					10
	800															
	1000															

4	Selectivity limit = 4 kA.
	No selectivity.

Note: respect the basic rules of selectivity, in terms of overload, short-circuit, ground fault and earth leakage when applicable see page 6, or check curves with Schneider Electric online “Electrical calculation tools”.

Selectivity table

Upstream: Masterpact MTZ2 08-20 N1/H1/H2/L1 Micrologic X
Downstream: iDPN, iC60, C120, NG125, Compact NSXm, NSX100-630

Ue ≤ 440 V AC

Upstream	Masterpact MTZ2 08/10/12/16/20 N1/H1/H2/L1		
Trip unit	Micrologic 2.0X Isd = 10Ir	Micrologic 5.0X - 6.0X - 7.0X Inst : 15 In Standard	Micrologic 5.0X - 6.0X - 7.0X Inst : OFF

Downstream	Rating (A)	800			1000	1250	1600	2000	800			1000	1250	1600	2000	800			1000	1250	1600	2000
	Setting Ir	320	630	800	1000	1250	1600	2000	320	630	800	1000	1250	1600	2000	320	630	800	1000	1250	1600	2000
Selectivity limit (kA)																						
iDPN, iDPNN		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
iC60		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
C120N/H		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
NG125N/H		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
NG125L		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
NSXm E/B/F/N/H		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Compact NSX100 B/F/N/H/S/L/R TM-D		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Compact NSX160 B/F/N/H/S/L TM-D		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Compact NSX250 B/F/N/H/S/L/R TM-D	≤ 125	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	160	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	200	T	T	T	T	T	T	T		T	T	T	T	T	T		T	T	T	T	T	T
	250		T	T	T	T	T	T		T	T	T	T	T	T		T	T	T	T	T	T
Compact NSX100 B/F/N/H/S/L/R Micrologic	40	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	100	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Compact NSX160 B/F/N/H/S/L Micrologic	40	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	100	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	160	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Compact NSX250 B/F/N/H/S/L/R Micrologic	≤ 100	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	160	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	250		T	T	T	T	T	T	T	T	T	T	T	T	T		T	T	T	T	T	T
Compact NSX400 F/N/H/S/L/R Micrologic	160	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	200	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	250	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	320		T	T	T	T	T	T		T	T	T	T	T	T		T	T	T	T	T	T
	400		T	T	T	T	T	T		T	T	T	T	T	T		T	T	T	T	T	T
Compact NSX630 F/N/H/S/L/R Micrologic	250	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	320		T	T	T	T	T	T		T	T	T	T	T	T		T	T	T	T	T	T
	400		T	T	T	T	T	T		T	T	T	T	T	T		T	T	T	T	T	T
	500			T	T	T	T	T			T	T	T	T	T			T	T	T	T	T
	630				T	T	T	T				T	T	T	T				T	T	T	T

T	Total selectivity, up to the breaking capacity of the downstream circuit breaker.
	No selectivity.

Note: respect the basic rules of selectivity, in terms of overload, short-circuit, ground fault and earth leakage when applicable see page 6, or check curves with Schneider Electric online “Electrical calculation tools”.

Selectivity table

Upstream: Masterpact MTZ2 08-20 N1/H1/H2 Micrologic X
Downstream: Compact NS630b-1600 Micrologic A/E/P

Ue ⩽ 440 V AC

Upstream	Masterpact MTZ2 08/10/12/16/20 N1/H1/H2																	
Trip unit	Micrologic 2.0X Isd = 10Ir						Micrologic 5.0X - 6.0X - 7.0X Inst : 15 In Standard						Micrologic 5.0X - 6.0X - 7.0X Inst : OFF					
Downstream	**Rating (A)**	**800**		**1000**	**1250**	**1600**	**2000**	**800**		**1000**	**1250**	**1600**	**2000**	**800**		**1000**	**1250**	**1600**	**2000**
	Setting Ir	**630**	**800**	**1000**	**1250**	**1600**	**2000**	**630**	**800**	**1000**	**1250**	**1600**	**2000**	**630**	**800**	**1000**	**1250**	**1600**	**2000**
Selectivity limit (kA)																			
Compact NS630bN/H Micrologic 2.0 - 5.0 - 6.0 - 7.0 A/E/P	**250**	6.3	8	10	12.5	16	20	12	12	15	18.75	24	30	T	T	T	T	T	T
	320	6.3	8	10	12.5	16	20	12	12	15	18.75	24	30	T	T	T	T	T	T
	400	6.3	8	10	12.5	16	20	12	12	15	18.75	24	30	T	T	T	T	T	T
	500		8	10	12.5	16	20		12	15	18.75	24	30		T	T	T	T	T
	630			10	12.5	16	20			15	18.75	24	30			T	T	T	T
Compact NS800N/H Micrologic 2.0 - 5.0 - 6.0 - 7.0 A/E/P	**320**	6.3	8	10	12.5	16	20	12	12	15	18.75	24	30	T	T	T	T	T	T
	400	6.3	8	10	12.5	16	20	12	12	15	18.75	24	30	T	T	T	T	T	T
	500		8	10	12.5	16	20		12	15	18.75	24	30		T	T	T	T	T
	630			10	12.5	16	20			15	18.75	24	30			T	T	T	T
	800				12.5	16	20				18.75	24	30				T	T	T
Compact NS1000N/H Micrologic 2.0 - 5.0 - 6.0 - 7.0 A/E/P	**400**	6.3	8	10	12.5	16	20	12	12	15	18.75	24	30	T	T	T	T	T	T
	500		8	10	12.5	16	20		12	15	18.75	24	30		T	T	T	T	T
	630			10	12.5	16	20			15	18.75	24	30			T	T	T	T
	800				12.5	16	20				18.75	24	30				T	T	T
	1000					16	20					24	30					T	T
Compact NS1250N/H Micrologic 2.0 - 5.0 - 6.0 - 7.0 A/E/P	**500**		8	10	12.5	16	20		12	15	18.75	24	30		T	T	T	T	T
	630			10	12.5	16	20			15	18.75	24	30			T	T	T	T
	800				12.5	16	20				18.75	24	30				T	T	T
	1000					16	20					24	30					T	T
	1250						20						30						T
Compact NS1600N/H Micrologic 2.0 - 5.0 - 6.0 - 7.0 A/E/P	**630**			10	12.5	16	20			15	18.75	24	30			T	T	T	T
	800				12.5	16	20				18.75	24	30				T	T	T
	960					16	20					24	30					T	T
	1250						20						30						T
	1600																		
Compact NS630bL/LB Micrologic 2.0 - 5.0 - 6.0 - 7.0 A/E/P	**250**	6.3	8	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	320	6.3	8	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	400	6.3	8	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	500		8	T	T	T	T		T	T	T	T	T		T	T	T	T	T
	630			T	T	T	T			T	T	T	T			T	T	T	T
Compact NS800 L/LB Micrologic 2.0 - 5.0 - 6.0 - 7.0 A/E/P	**320**	6.3	8	10	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	400	6.3	8	10	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	500		8	10	T	T	T		T	T	T	T	T		T	T	T	T	T
	630			10	T	T	T			T	T	T	T			T	T	T	T
	800				T	T	T				T	T	T				T	T	T
Compact NS1000L Micrologic 2.0 - 5.0 - 6.0 - 7.0 A/E/P	**400**	6.3	8	10	12.5	T	T	12	12	T	T	T	T	T	T	T	T	T	T
	500		8	10	12.5	T	T		12	T	T	T	T		T	T	T	T	T
	630			10	12.5	T	T			T	T	T	T			T	T	T	T
	800				12.5	T	T				T	T	T				T	T	T
	1000					T	T					T	T					T	T

T	Total selectivity, up to the breaking capacity of the downstream circuit breaker.
4	Selectivity limit = 4 kA.
	No selectivity.

Note: respect the basic rules of selectivity, in terms of overload, short-circuit, ground fault and earth leakage when applicable see page 6, or check curves with Schneider Electric online “Electrical calculation tools”.

Selectivity table

Upstream: Masterpact MTZ2 08-20 N1/H1/H2 Micrologic X
Downstream: Masterpact MTZ1 06-16

Ue ⩽ 440 V AC

Upstream	Masterpact MTZ2 08/10/12/16/20 N1/H1/H2																	
Trip unit	Micrologic 2.0X Isd = 10Ir						Micrologic 5.0X - 6.0X - 7.0X Inst : 15 In Standard						Micrologic 5.0X - 6.0X - 7.0X Inst : OFF					
Downstream	**Rating (A)**	**800**		**1000**	**1250**	**1600**	**2000**	**800**		**1000**	**1250**	**1600**	**2000**	**800**		**1000**	**1250**	**1600**	**2000**
	Setting Ir	**630**	**800**	**1000**	**1250**	**1600**	**2000**	**630**	**800**	**1000**	**1250**	**1600**	**2000**	**630**	**800**	**1000**	**1250**	**1600**	**2000**
Selectivity limit (kA)																			
Masterpact MTZ1 06 H1/H2/H3 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**250**	6.3	8	10	12.5	16	20	12	12	15	18.75	24	30	T	T	T	T	T	T
	320	6.3	8	10	12.5	16	20	12	12	15	18.75	24	30	T	T	T	T	T	T
	400	6.3	8	10	12.5	16	20	12	12	15	18.75	24	30	T	T	T	T	T	T
	500		8	10	12.5	16	20		12	15	18.75	24	30		T	T	T	T	T
	630			10	12.5	16	20			15	18.75	24	30			T	T	T	T
Masterpact MTZ1 08 H1/H2/H3 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**320**	6.3	8	10	12.5	16	20	12	12	15	18.75	24	30	T	T	T	T	T	T
	400	6.3	8	10	12.5	16	20	12	12	15	18.75	24	30	T	T	T	T	T	T
	500		8	10	12.5	16	20		12	15	18.75	24	30		T	T	T	T	T
	630			10	12.5	16	20			15	18.75	24	30			T	T	T	T
	800				12.5	16	20				18.75	24	30				T	T	T
Masterpact MTZ1 10 H1/H2/H3 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**400**	6.3	8	10	12.5	16	20	12	12	15	18.75	24	30	T	T	T	T	T	T
	500		8	10	12.5	16	20		12	15	18.75	24	30		T	T	T	T	T
	630			10	12.5	16	20			15	18.75	24	30			T	T	T	T
	800				12.5	16	20				18.75	24	30				T	T	T
	1000					16	20					24	30					T	T
Masterpact MTZ1 12 H1/H2/H3 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**500**		8	10	12.5	16	20		12	15	18.75	24	30		T	T	T	T	T
	630			10	12.5	16	20			15	18.75	24	30			T	T	T	T
	800				12.5	16	20				18.75	24	30				T	T	T
	1000					16	20					24	30					T	T
	1250						20						30						T
Masterpact MTZ1 16 H1/H2/H3 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**630**			10	12.5	16	20			15	18.75	24	30			T	T	T	T
	800				12.5	16	20				18.75	24	30				T	T	T
	960					16	20					24	30					T	T
	1250						20						30						T
	1600																		
Masterpact MTZ1 06L Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**250**	6.3	8	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	320	6.3	8	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	400	6.3	8	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	500		8	T	T	T	T		T	T	T	T	T		T	T	T	T	T
	630			T	T	T	T			T	T	T	T			T	T	T	T
Masterpact MTZ1 08L Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**320**	6.3	8	10	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	400	6.3	8	10	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	500		8	10	T	T	T		T	T	T	T	T		T	T	T	T	T
	630			10	T	T	T			T	T	T	T			T	T	T	T
	800				T	T	T				T	T	T				T	T	T
Masterpact MTZ1 10L Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**400**	6.3	8	10	12.5	T	T	12	12	T	T	T	T	T	T	T	T	T	T
	500		8	10	12.5	T	T		12	T	T	T	T		T	T	T	T	T
	630			10	12.5	T	T			T	T	T	T			T	T	T	T
	800				12.5	T	T				T	T	T				T	T	T
	1000					T	T					T	T					T	T

T	Total selectivity, up to the breaking capacity of the downstream circuit breaker.
4	Selectivity limit = 4 kA.
	No selectivity.

Note: respect the basic rules of selectivity, in terms of overload, short-circuit, ground fault and earth leakage when applicable see page 6, or check curves with Schneider Electric online “Electrical calculation tools”.

Selectivity table

Upstream: Masterpact MTZ2 08-20 N1/H1 Micrologic X
Downstream: Masterpact MTZ2 08-20

Ue ⩽ 440 V AC

Upstream	Masterpact MTZ2 08/10/12/16/20 N1/H1																	
Trip unit	Micrologic 2.0X Isd = 10Ir						Micrologic 5.0X - 6.0X - 7.0X Inst : 15 In Standard						Micrologic 5.0X - 6.0X - 7.0X Inst : OFF					
Downstream	**Rating (A)**	**800**		**1000**	**1250**	**1600**	**2000**	**800**		**1000**	**1250**	**1600**	**2000**	**800**		**1000**	**1250**	**1600**	**2000**
	Setting Ir	**630**	**800**	**1000**	**1250**	**1600**	**2000**	**630**	**800**	**1000**	**1250**	**1600**	**2000**	**630**	**800**	**1000**	**1250**	**1600**	**2000**
Selectivity limit (kA)																			
Masterpact MTZ2 08 N1/H1/L1 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**320**	6.3	8	10	12.5	16	20	12	12	15	18.75	24	30	T	T	T	T	T	T
	400	6.3	8	10	12.5	16	20	12	12	15	18.75	24	30	T	T	T	T	T	T
	500		8	10	12.5	16	20		12	15	18.75	24	30		T	T	T	T	T
	630			10	12.5	16	20			15	18.75	24	30			T	T	T	T
	800				12.5	16	20				18.75	24	30				T	T	T
Masterpact MTZ2 10 N1/H1/L1 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**400**	6.3	8	10	12.5	16	20	12	12	15	18.75	24	30	T	T	T	T	T	T
	500		8	10	12.5	16	20		12	15	18.75	24	30		T	T	T	T	T
	630			10	12.5	16	20			15	18.75	24	30			T	T	T	T
	800				12.5	16	20				18.75	24	30				T	T	T
	1000					16	20					24	30					T	T
Masterpact MTZ2 12 N1/H1/L1 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**500**		8	10	12.5	16	20		12	15	18.75	24	30		T	T	T	T	T
	630			10	12.5	16	20			15	18.75	24	30			T	T	T	T
	800				12.5	16	20				18.75	24	30				T	T	T
	1000					16	20					24	30					T	T
	1250						20						30						T
Masterpact MTZ2 16 N1/H1/L1 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**630**			10	12.5	16	20			15	18.75	24	30			T	T	T	T
	800				12.5	16	20				18.75	24	30				T	T	T
	960					16	20					24	30					T	T
	1250						20						30						T
	1600																		
Masterpact MTZ2 20 N1/H1/L1 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**800**				12.5	16	20				18.75	24	30				T	T	T
	1000					16	20					24	30					T	T
	1250						20						30						T
	1600																		
Masterpact MTZ2 08 H2 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**320**	6.3	8	10	12.5	16	20	12	12	15	18.75	24	30	T	T	T	T	T	T
	400	6.3	8	10	12.5	16	20	12	12	15	18.75	24	30	T	T	T	T	T	T
	500		8	10	12.5	16	20		12	15	18.75	24	30		T	T	T	T	T
	630			10	12.5	16	20			15	18.75	24	30			T	T	T	T
	800				12.5	16	20				18.75	24	30				T	T	T
Masterpact MTZ2 10 H2 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**400**	6.3	8	10	12.5	16	20	12	12	15	18.75	24	30	T	T	T	T	T	T
	500		8	10	12.5	16	20		12	15	18.75	24	30		T	T	T	T	T
	630			10	12.5	16	20			15	18.75	24	30			T	T	T	T
	800				12.5	16	20				18.75	24	30				T	T	T
	1000					16	20					24	30					T	T
Masterpact MTZ2 12 H2 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**500**		8	10	12.5	16	20		12	15	18.75	24	30		T	T	T	T	T
	630			10	12.5	16	20			15	18.75	24	30			T	T	T	T
	800				12.5	16	20				18.75	24	30				T	T	T
	1000					16	20					24	30					T	T
	1250						20						30						T
Masterpact MTZ2 16 H2 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**630**			10	12.5	16	20			15	18.75	24	30			T	T	T	T
	800				12.5	16	20				18.75	24	30				T	T	T
	960					16	20					24	30					T	T
	1250						20						30						T
	1600																		
Masterpact MTZ2 20 H2 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**800**				12.5	16	20				18.75	24	30				T	T	T
	1000					16	20					24	30					T	T
	1250						20						30						T
	1600																		

T	Total selectivity, up to the breaking capacity of the downstream circuit breaker.
4	Selectivity limit = 4 kA.
	No selectivity.

Note: respect the basic rules of selectivity, in terms of overload, short-circuit, ground fault and earth leakage when applicable see page 6, or check curves with Schneider Electric online “Electrical calculation tools”.

Selectivity table

Upstream: Masterpact MTZ2 08-20 H2 Micrologic X
Downstream: Masterpact MTZ2 08-20

Ue ⩽ 440 V AC

Upstream	Masterpact MTZ2 08/10/12/16/20 H2																	
Trip unit	Micrologic 2.0X Isd = 10Ir						Micrologic 5.0X - 6.0X - 7.0X Inst : 15 In Standard						Micrologic 5.0X - 6.0X - 7.0X Inst : OFF					
Downstream	**Rating (A)**	**800**		**1000**	**1250**	**1600**	**2000**	**800**		**1000**	**1250**	**1600**	**2000**	**800**		**1000**	**1250**	**1600**	**2000**
	Setting Ir	**630**	**800**	**1000**	**1250**	**1600**	**2000**	**630**	**800**	**1000**	**1250**	**1600**	**2000**	**630**	**800**	**1000**	**1250**	**1600**	**2000**
Selectivity limit (kA)																			
Masterpact MTZ2 08 N1/H1/L1 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**320**	6.3	8	10	12.5	16	20	12	12	15	18.75	24	30	T	T	T	T	T	T
	400	6.3	8	10	12.5	16	20	12	12	15	18.75	24	30	T	T	T	T	T	T
	500		8	10	12.5	16	20		12	15	18.75	24	30		T	T	T	T	T
	630			10	12.5	16	20			15	18.75	24	30			T	T	T	T
	800				12.5	16	20				18.75	24	30				T	T	T
Masterpact MTZ2 10 N1/H1/L1 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**400**	6.3	8	10	12.5	16	20	12	12	15	18.75	24	30	T	T	T	T	T	T
	500		8	10	12.5	16	20		12	15	18.75	24	30		T	T	T	T	T
	630			10	12.5	16	20			15	18.75	24	30			T	T	T	T
	800				12.5	16	20				18.75	24	30				T	T	T
	1000					16	20					24	30					T	T
Masterpact MTZ2 12 N1/H1/L1 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**500**		8	10	12.5	16	20		12	15	18.75	24	30		T	T	T	T	T
	630			10	12.5	16	20			15	18.75	24	30			T	T	T	T
	800				12.5	16	20				18.75	24	30				T	T	T
	1000					16	20					24	30					T	T
	1250						20						30						T
Masterpact MTZ2 16 N1/H1/L1 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**630**			10	12.5	16	20			15	18.75	24	30			T	T	T	T
	800				12.5	16	20				18.75	24	30				T	T	T
	960					16	20					24	30					T	T
	1250						20						30						T
	1600																		
Masterpact MTZ2 20 N1/H1/L1 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**800**				12.5	16	20				18.75	24	30				T	T	T
	1000					16	20					24	30					T	T
	1250						20						30						T
	1600																		
Masterpact MTZ2 08 H2 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**320**	6.3	8	10	12.5	16	20	12	12	15	18.75	24	30	82	82	82	82	82	82
	400	6.3	8	10	12.5	16	20	12	12	15	18.75	24	30	82	82	82	82	82	82
	500		8	10	12.5	16	20		12	15	18.75	24	30		82	82	82	82	82
	630			10	12.5	16	20			15	18.75	24	30			82	82	82	82
	800				12.5	16	20				18.75	24	30				82	82	82
Masterpact MTZ2 10 H2 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**400**	6.3	8	10	12.5	16	20	12	12	15	18.75	24	30	82	82	82	82	82	82
	500		8	10	12.5	16	20		12	15	18.75	24	30		82	82	82	82	82
	630			10	12.5	16	20			15	18.75	24	30			82	82	82	82
	800				12.5	16	20				18.75	24	30				82	82	82
	1000					16	20					24	30					82	82
Masterpact MTZ2 12 H2 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**500**		8	10	12.5	16	20		12	15	18.75	24	30		82	82	82	82	82
	630			10	12.5	16	20			15	18.75	24	30			82	82	82	82
	800				12.5	16	20				18.75	24	30				82	82	82
	1000					16	20					24	30					82	82
	1250						20						30						82
Masterpact MTZ2 16 H2 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**630**			10	12.5	16	20			15	18.75	24	30			82	82	82	82
	800				12.5	16	20				18.75	24	30				82	82	82
	960					16	20					24	30					82	82
	1250						20						30						82
	1600																		
Masterpact MTZ2 20 H2 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**800**				12.5	16	20				18.75	24	30				82	82	82
	1000					16	20					24	30					82	82
	1250						20						30						82
	1600																		

T	Total selectivity, up to the breaking capacity of the downstream circuit breaker.
4	Selectivity limit = 4 kA.
	No selectivity.

Note: respect the basic rules of selectivity, in terms of overload, short-circuit, ground fault and earth leakage when applicable see page 6, or check curves with Schneider Electric online “Electrical calculation tools”.

Selectivity table

Upstream: Masterpact MTZ2 08-20 L1 Micrologic X
Downstream: Masterpact MTZ1 06 - 16 Micrologic X

Ue ⩽ 440 V AC

Upstream	Masterpact MTZ2 08/10/12/16/20 L1																	
Trip unit	Micrologic 2.0X Isd = 10Ir						Micrologic 5.0X - 6.0X - 7.0X Inst : 15 In Standard						Micrologic 5.0X - 6.0X - 7.0X Inst : OFF					
Downstream	**Rating (A)**	**800**		**1000**	**1250**	**1600**	**2000**	**800**		**1000**	**1250**	**1600**	**2000**	**800**		**1000**	**1250**	**1600**	**2000**
	Setting Ir	**630**	**800**	**1000**	**1250**	**1600**	**2000**	**630**	**800**	**1000**	**1250**	**1600**	**2000**	**630**	**800**	**1000**	**1250**	**1600**	**2000**
Selectivity limit (kA)																			
MTZ1 06 H1/H2/H3 Micrologic X	**250**	6.3	8	10	12.5	16	20	12	12	15	18.75	24	30	37	37	37	37	37	37
	320	6.3	8	10	12.5	16	20	12	12	15	18.75	24	30	37	37	37	37	37	37
	400	6.3	8	10	12.5	16	20	12	12	15	18.75	24	30	37	37	37	37	37	37
	500		8	10	12.5	16	20		12	15	18.75	24	30		37	37	37	37	37
	630			10	12.5	16	20			15	18.75	24	30			37	37	37	37
MTZ1 08 H1/H2/H3 Micrologic X	**320**	6.3	8	10	12.5	16	20	12	12	15	18.75	24	30	37	37	37	37	37	37
	400	6.3	8	10	12.5	16	20	12	12	15	18.75	24	30	37	37	37	37	37	37
	500		8	10	12.5	16	20		12	15	18.75	24	30		37	37	37	37	37
	630			10	12.5	16	20			15	18.75	24	30			37	37	37	37
	800				12.5	16	20				18.75	24	30				37	37	37
MTZ1 10 H1/H2/H3 Micrologic X	**400**	6.3	8	10	12.5	16	20	12	12	15	18.75	24	30	37	37	37	37	37	37
	500		8	10	12.5	16	20		12	15	18.75	24	30		37	37	37	37	37
	630			10	12.5	16	20			15	18.75	24	30			37	37	37	37
	800				12.5	16	20				18.75	24	30				37	37	37
	1000					16	20					24	30					37	37
MTZ1 12 H1/H2/H3 Micrologic X	**500**		8	10	12.5	16	20		12	15	18.75	24	30		37	37	37	37	37
	630			10	12.5	16	20			15	18.75	24	30			37	37	37	37
	800				12.5	16	20				18.75	24	30				37	37	37
	1000					16	20					24	30					37	37
	1250						20						30						37
MTZ1 16 H1/H2/H3 Micrologic X	**630**			10	12.5	16	20			15	18.75	24	30			37	37	37	37
	800				12.5	16	20				18.75	24	30				37	37	37
	960					16	20					24	30					37	37
	1250						20						30						37
	1600																		
MTZ1 06 L1 Micrologic X	**250**	6.3	8	10	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	320	6.3	8	10	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	400	6.3	8	10	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	500		8	10	T	T	T		T	T	T	T	T		T	T	T	T	T
	630			10	T	T	T			T	T	T	T			T	T	T	T
MTZ1 08 L1 Micrologic X	**320**	6.3	8	10	12.5	T	T	12	12	T	T	T	T	T	T	T	T	T	T
	400	6.3	8	10	12.5	T	T	12	12	T	T	T	T	T	T	T	T	T	T
	500		8	10	12.5	T	T		12	T	T	T	T		T	T	T	T	T
	630			10	12.5	T	T			T	T	T	T			T	T	T	T
	800				12.5	T	T				T	T	T				T	T	T
MTZ1 10 L1 Micrologic X	**400**	6.3	8	10	12.5	T	T	12	12	T	T	T	T	T	T	T	T	T	T
	500		8	10	12.5	T	T		12	T	T	T	T		T	T	T	T	T
	630			10	12.5	T	T			T	T	T	T			T	T	T	T
	800				12.5	T	T				T	T	T				T	T	T
	1000					T	T					T	T					T	T

T	Total selectivity, up to the breaking capacity of the downstream circuit breaker.
4	Selectivity limit = 4 kA.
	No selectivity.

Note: respect the basic rules of selectivity, in terms of overload, short-circuit, ground fault and earth leakage when applicable see page 6, or check curves with Schneider Electric online “Electrical calculation tools”.

Selectivity table

Upstream: Masterpact MTZ2 08-20 L1 Micrologic X
Downstream: Compact NS630b-1600 Micrologic A/E/P

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Upstream	Masterpact MTZ2 08/10/12/16/20 L1																	
Trip unit	Micrologic 2.0X Isd = 10Ir						Micrologic 5.0X - 6.0X - 7.0X Inst : 15 In Standard						Micrologic 5.0X - 6.0X - 7.0X Inst : OFF					
Downstream	**Rating (A)**	**800**		**1000**	**1250**	**1600**	**2000**	**800**		**1000**	**1250**	**1600**	**2000**	**800**		**1000**	**1250**	**1600**	**2000**
	Setting Ir	**630**	**800**	**1000**	**1250**	**1600**	**2000**	**630**	**800**	**1000**	**1250**	**1600**	**2000**	**630**	**800**	**1000**	**1250**	**1600**	**2000**
Selectivity limit (kA)																			
Compact NS630bN/H Micrologic 2.0 - 5.0 - 6.0 - 7.0 A/E/P	**250**	6.3	8	10	12.5	16	20	12	12	15	18.75	24	30	37	37	37	37	37	37
	320	6.3	8	10	12.5	16	20	12	12	15	18.75	24	30	37	37	37	37	37	37
	400	6.3	8	10	12.5	16	20	12	12	15	18.75	24	30	37	37	37	37	37	37
	500		8	10	12.5	16	20		12	15	18.75	24	30		37	37	37	37	37
	630			10	12.5	16	20			15	18.75	24	30			37	37	37	37
Compact NS800N/H Micrologic 2.0 - 5.0 - 6.0 - 7.0 A/E/P	**320**	6.3	8	10	12.5	16	20	12	12	15	18.75	24	30	37	37	37	37	37	37
	400	6.3	8	10	12.5	16	20	12	12	15	18.75	24	30	37	37	37	37	37	37
	500		8	10	12.5	16	20		12	15	18.75	24	30		37	37	37	37	37
	630			10	12.5	16	20			15	18.75	24	30			37	37	37	37
	800				12.5	16	20				18.75	24	30				37	37	37
Compact NS1000N/H Micrologic 2.0 - 5.0 - 6.0 - 7.0 A/E/P	**400**	6.3	8	10	12.5	16	20	12	12	15	18.75	24	30	37	37	37	37	37	37
	500		8	10	12.5	16	20		12	15	18.75	24	30		37	37	37	37	37
	630			10	12.5	16	20			15	18.75	24	30			37	37	37	37
	800				12.5	16	20				18.75	24	30				37	37	37
	1000					16	20					24	30					37	37
Compact NS1250N/H Micrologic 2.0 - 5.0 - 6.0 - 7.0 A/E/P	**500**		8	10	12.5	16	20		12	15	18.75	24	30		37	37	37	37	37
	630			10	12.5	16	20			15	18.75	24	30			37	37	37	37
	800				12.5	16	20				18.75	24	30				37	37	37
	1000					16	20					24	30					37	37
	1250						20						30						37
Compact NS1600N/H Micrologic 2.0 - 5.0 - 6.0 - 7.0 A/E/P	**630**			10	12.5	16	20			15	18.75	24	30			37	37	37	37
	800				12.5	16	20				18.75	24	30				37	37	37
	960					16	20					24	30					37	37
	1250						20						30						37
	1600																		
Compact NS630bL/LB Micrologic 2.0 - 5.0 - 6.0 - 7.0 A/E/P	**250**	6.3	8	10	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	320	6.3	8	10	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	400	6.3	8	10	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	500		8	10	T	T	T		T	T	T	T	T		T	T	T	T	T
	630			10	T	T	T			T	T	T	T			T	T	T	T
Compact NS800L/LB Micrologic 2.0 - 5.0 - 6.0 - 7.0 A/E/P	**320**	6.3	8	10	12.5	T	T	12	12	T	T	T	T	T	T	T	T	T	T
	400	6.3	8	10	12.5	T	T	12	12	T	T	T	T	T	T	T	T	T	T
	500		8	10	12.5	T	T		12	T	T	T	T		T	T	T	T	T
	630			10	12.5	T	T			T	T	T	T			T	T	T	T
	800				12.5	T	T				T	T	T				T	T	T
Compact NS1000L Micrologic 2.0 - 5.0 - 6.0 - 7.0 A/E/P	**400**	6.3	8	10	12.5	T	T	12	12	T	T	T	T	T	T	T	T	T	T
	500		8	10	12.5	T	T		12	T	T	T	T		T	T	T	T	T
	630			10	12.5	T	T			T	T	T	T			T	T	T	T
	800				12.5	T	T				T	T	T				T	T	T
	1000					T	T					T	T					T	T

T	Total selectivity, up to the breaking capacity of the downstream circuit breaker.
4	Selectivity limit = 4 kA.
	No selectivity.

Note: respect the basic rules of selectivity, in terms of overload, short-circuit, ground fault and earth leakage when applicable see page 6, or check curves with Schneider Electric online “Electrical calculation tools”.

Selectivity table

Upstream: Masterpact MTZ2 25-40 H1/H2, MTZ3 40-63 H1 Micrologic X
Downstream: iDPN, iC60, C120, NG125, Compact NSXm, NSX100-630, NS630b-3200

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Upstream		Masterpact MTZ2 25/32/40 H1/H2			Masterpact MTZ3 40/50/63 H1			Masterpact MTZ2 25/32/40 H1/H2			Masterpact MTZ3 40/50/63 H1			Masterpact MTZ2 25/32/40 H1/H2			Masterpact MTZ3 40/50/63 H1		
Trip unit		Micrologic 2.0X Isd = 10Ir						Micrologic 5.0X - 6.0X - 7.0X Inst : 15 In Standard						Micrologic 5.0X - 6.0X - 7.0X Inst : OFF					
Downstream	**Rating (A)**	**2500**	**3200**	**4000**	**4000**	**5000**	**6300**	**2500**	**3200**	**4000**	**4000**	**5000**	**6300**	**2500**	**3200**	**4000**	**4000**	**5000**	**6300**
Selectivity limit (kA)																			
iDPN, iDPNN		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
iC60		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
C120N/H		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
NG125N/H/L		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
NSXm E/B/F/N/H		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Compact NSX B/F/H/N/S/L/R TM-D	**NSX100**	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	NSX250	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Compact NSX160 B/F/H/N/S/L TM-D		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Compact NSX B/F/H/N/S/L/R Micrologic	**NSX100**	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	NSX250	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
F/H/N/S/L/R Micrologic	**NSX400**	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	NSX630	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Compact NSX160 B/F/H/N/S/L Micrologic		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Compact NS N Micrologic	**NS630b**	25	32	40	40	T	T	37.5	48	T	T	T	T	T	T	T	T	T	T
	NS800	25	32	40	40	T	T	37.5	48	T	T	T	T	T	T	T	T	T	T
	NS1000	25	32	40	40	T	T	37.5	48	T	T	T	T	T	T	T	T	T	T
	NS1250	25	32	40	40	T	T	37.5	48	T	T	T	T	T	T	T	T	T	T
	NS1600	25	32	40	40	T	T	37.5	48	T	T	T	T	T	T	T	T	T	T
Compact NS H Micrologic	**NS630b**	25	32	40	40	50	63	37.5	48	60	60	T	T	T	T	T	T	T	T
	NS800	25	32	40	40	50	63	37.5	48	60	60	T	T	T	T	T	T	T	T
	NS1000	25	32	40	40	50	63	37.5	48	60	60	T	T	T	T	T	T	T	T
	NS1250	25	32	40	40	50	63	37.5	48	60	60	T	T	T	T	T	T	T	T
	NS1600	25	32	40	40	50	63	37.5	48	60	60	T	T	T	T	T	T	T	T
Compact NS N Micrologic	**NS1600b**	25	32	40	40	50	63	37.5	48	60	60	T	T	T	T	T	T	T	T
	NS2000	25	32	40	40	50	63	37.5	48	60	60	T	T	T	T	T	T	T	T
	NS2500	25 (1)	32	40	40	50	63	37,5 (1)	48	60	60	T	T	T (1)	T	T	T	T	T
	NS3200		32 (1)	40	40	50	63		48 (1)	60	60	T	T		T (1)	T	T	T	T
Compact NS H Micrologic	**NS1600b**	25	32	40	40	50	63	37,5	48	60	60	75	T	T	T	T	T	T	T
	NS2000	25	32	40	40	50	63	37,5	48	60	60	75	T	T	T	T	T	T	T
	NS2500	25 (1)	32	40	40	50	63	37,5 (1)	48	60	60	75	T	T (1)	T	T	T	T	T
	NS3200		32 (1)	40	40	50	63		48 (1)	60	60	75	T		T (1)	T	T	T	T
Compact NS L Micrologic	**NS630b**	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	NS800	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	NS1000	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Compact NS LB Micrologic	**NS630b**	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	NS800	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T

(1) With Ir upstream > 1,3 Ir downstream.

T	Total selectivity, up to the breaking capacity of the downstream circuit breaker.
4	Selectivity limit = 4 kA.
	No selectivity.

Note: respect the basic rules of selectivity, in terms of overload, short-circuit, ground fault and earth leakage when applicable see page 6, or check curves with Schneider Electric online “Electrical calculation tools”.

Selectivity table

Upstream: Masterpact MTZ2 25-40 H1 Micrologic X
Downstream: Masterpact MTZ1 06-16, Masterpact MTZ2 08-20

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Upstream	Masterpact MTZ2 25/32/40 H1									
Trip unit	Micrologic 2.0X Isd = 10Ir			Micrologic 5.0X - 6.0X - 7.0X Inst : 15 In Standard			Micrologic 5.0X - 6.0X - 7.0X Inst : OFF			
Downstream	**Rating (kA)**	**2500**	**3200**	**4000**	**2500**	**3200**	**4000**	**2500**	**3200**	**4000**
Selectivity limit (A)										
Masterpact MTZ1 H1 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**MTZ1 06**	25	32	40	37.5	T	T	T	T	T
	MTZ1 08	25	32	40	37.5	T	T	T	T	T
	MTZ1 10	25	32	40	37.5	T	T	T	T	T
	MTZ1 12	25	32	40	37.5	T	T	T	T	T
	MTZ1 16	25	32	40	37.5	T	T	T	T	T
Masterpact MTZ1 H2 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**MTZ1 06**	25	32	40	37.5	48	T	T	T	T
	MTZ1 08	25	32	40	37.5	48	T	T	T	T
	MTZ1 10	25	32	40	37.5	48	T	T	T	T
	MTZ1 12	25	32	40	37.5	48	T	T	T	T
	MTZ1 16	25	32	40	37.5	48	T	T	T	T
Masterpact MTZ1 H3 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**MTZ1 06**	25	32	40	37.5	48	60	T	T	T
	MTZ1 08	25	32	40	37.5	48	60	T	T	T
	MTZ1 10	25	32	40	37.5	48	60	T	T	T
	MTZ1 12	25	32	40	37.5	48	60	T	T	T
	MTZ1 16	25	32	40	37.5	48	60	T	T	T
Masterpact MTZ2 N1 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**MTZ2 08**	25	32	40	37.5	T	T	T	T	T
	MTZ2 10	25	32	40	37.5	T	T	T	T	T
	MTZ2 12	25	32	40	37.5	T	T	T	T	T
	MTZ2 16	25	32	40	37.5	T	T	T	T	T
Masterpact MTZ2 H1 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**MTZ2 08**	25	32	40	37.5	48	60	T	T	T
	MTZ2 10	25	32	40	37.5	48	60	T	T	T
	MTZ2 12	25	32	40	37.5	48	60	T	T	T
	MTZ2 16	25	32	40	37.5	48	60	T	T	T
	MTZ2 20	25	32	40	37.5	48	60	T	T	T
	MTZ2 25	25 (1)	32	40	37,5 (1)	48	60	T (1)	T	T
	MTZ2 32		32 (1)	40		48 (1)	60		T (1)	T
Masterpact MTZ2 H2 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**MTZ2 08**	25	32	40	37,5	48	60	T	T	T
	MTZ2 10	25	32	40	37,5	48	60	T	T	T
	MTZ2 12	25	32	40	37,5	48	60	T	T	T
	MTZ2 16	25	32	40	37,5	48	60	T	T	T
	MTZ2 20	25	32	40	37,5	48	60	T	T	T
	MTZ2 25	25 (1)	32	40	37,5 (1)	48	60	T (1)	T	T
	MTZ2 32		32 (1)	40		48 (1)	60		T (1)	T
Masterpact MTZ2 H3 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**MTZ2 20**	25	32	40	37,5	48	60	T	T	T
	MTZ2 25	25 (1)	32	40	37,5 (1)	48	60	T (1)	T	T
	MTZ2 32		32 (1)	40		48 (1)	60		T (1)	T
Masterpact MTZ1 L1 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**MTZ1 06**	T	T	T	T	T	T	T	T	T
	MTZ1 08	T	T	T	T	T	T	T	T	T
	MTZ1 10	T	T	T	T	T	T	T	T	T
Masterpact MTZ2 L1 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**MTZ2 08**	25	32	40	37.5	48	60	T	T	T
	MTZ2 10	25	32	40	37.5	48	60	T	T	T
	MTZ2 12	25	32	40	37.5	48	60	T	T	T
	MTZ2 16	25	32	40	37.5	48	60	T	T	T
	MTZ2 20	25	32	40	37.5	48	60	T	T	T

(1) With Ir upstream > 1,3 Ir downstream.

T	Total selectivity, up to the breaking capacity of the downstream circuit breaker.
4	Selectivity limit = 4 kA.
	No selectivity.

Note: respect the basic rules of selectivity, in terms of overload, short-circuit, ground fault and earth leakage when applicable see page 6, or check curves with Schneider Electric online “Electrical calculation tools”.

Selectivity table

Upstream: Masterpact MTZ2 20/25/32/40 H2, MTZ3 40/50/63 H1 Micrologic X
Downstream: Masterpact MTZ1 06-16, MTZ2 08-40, MTZ3 40/50

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Upstream	Masterpact MTZ2 20/25/32/40 H2				Masterpact MTZ3 40/50/63 H1		Masterpact MTZ2 20/25/32/40 H2				Masterpact MTZ3 40/50/63 H1		Masterpact MTZ2 20/25/32/40 H2				Masterpact MTZ3 40/50/63 H1	
Trip unit	Micrologic 2.0X Isd = 10Ir						Micrologic 5.0X - 6.0X - 7.0X Inst : 15 In Standard						Micrologic 5.0X - 6.0X - 7.0X Inst : OFF					
Downstream	**Rating (A)**	**2500**	**3200**	**4000**	**4000**	**5000**	**6300**	**2500**	**3200**	**4000**	**4000**	**5000**	**6300**	**2500**	**3200**	**4000**	**4000**	**5000**	**6300**
Selectivity limit (kA)																			
Masterpact MTZ1 H1 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**MTZ1 06**	25	32	40	40	T	T	37.5	T	T	T	T	T	T	T	T	T	T	T
	MTZ1 08	25	32	40	40	T	T	37.5	T	T	T	T	T	T	T	T	T	T	T
	MTZ1 10	25	32	40	40	T	T	37.5	T	T	T	T	T	T	T	T	T	T	T
	MTZ1 12	25	32	40	40	T	T	37.5	T	T	T	T	T	T	T	T	T	T	T
	MTZ1 16	25	32	40	40	T	T	37.5	T	T	T	T	T	T	T	T	T	T	T
Masterpact MTZ1 H2 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**MTZ1 06**	25	32	40	40	T	T	37.5	48	T	T	T	T	T	T	T	T	T	T
	MTZ1 08	25	32	40	40	T	T	37.5	48	T	T	T	T	T	T	T	T	T	T
	MTZ1 10	25	32	40	40	T	T	37.5	48	T	T	T	T	T	T	T	T	T	T
	MTZ1 12	25	32	40	40	T	T	37.5	48	T	T	T	T	T	T	T	T	T	T
	MTZ1 16	25	32	40	40	T	T	37.5	48	T	T	T	T	T	T	T	T	T	T
Masterpact MTZ1 H3 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**MTZ1 06**	25	32	40	40	50	63	37.5	48	60	60	T	T	T	T	T	T	T	T
	MTZ1 08	25	32	40	40	50	63	37.5	48	60	60	T	T	T	T	T	T	T	T
	MTZ1 10	25	32	40	40	50	63	37.5	48	60	60	T	T	T	T	T	T	T	T
	MTZ1 12	25	32	40	40	50	63	37.5	48	60	60	T	T	T	T	T	T	T	T
	MTZ1 16	25	32	40	40	50	63	37.5	48	60	60	T	T	T	T	T	T	T	T
Masterpact MTZ2 N1 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**MTZ2 08**	25	32	40	40	T	T	37.5	T	T	T	T	T	T	T	T	T	T	T
	MTZ2 10	25	32	40	40	T	T	37.5	T	T	T	T	T	T	T	T	T	T	T
	MTZ2 12	25	32	40	40	T	T	37.5	T	T	T	T	T	T	T	T	T	T	T
	MTZ2 16	25	32	40	40	T	T	37.5	T	T	T	T	T	T	T	T	T	T	T
Masterpact MTZ2 H1 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**MTZ2 08**	25	32	40	40	50	63	37.5	48	60	60	T	T	T	T	T	T	T	T
	MTZ2 10	25	32	40	40	50	63	37.5	48	60	60	T	T	T	T	T	T	T	T
	MTZ2 12	25	32	40	40	50	63	37.5	48	60	60	T	T	T	T	T	T	T	T
	MTZ2 16	25	32	40	40	50	63	37.5	48	60	60	T	T	T	T	T	T	T	T
	MTZ2 20	25	32	40	40	50	63	37.5	48	60	60	T	T	T	T	T	T	T	T
	MTZ2 25	25 (1)	32	40	40	50	63	37,5 (1)	48	60	60	T	T	T (1)	T	T	T	T	T
	MTZ2 32		32 (1)	40	40	50	63		48 (1)	60	60	T	T		T (1)	T	T	T	T
	MTZ2 40			40 (1)	40 (1)	50	63			60 (1)	60	T	T			T (1)	T (1)	T	T
Masterpact MTZ2 H2 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**MTZ2 08**	25	32	40	40	50	63	37,5	48	60	60	75	94	82	82	82	T	T	T
	MTZ2 10	25	32	40	40	50	63	37,5	48	60	60	75	94	82	82	82	T	T	T
	MTZ2 12	25	32	40	40	50	63	37,5	48	60	60	75	94	82	82	82	T	T	T
	MTZ2 16	25	32	40	40	50	63	37,5	48	60	60	75	94	82	82	82	T	T	T
	MTZ2 20	25	32	40	40	50	63	37,5	48	60	60	75	94	82	82	82	T	T	T
	MTZ2 25	25 (1)	32	40	40	50	63	37,5 (1)	48	60	60	75	94	82 (1)	82	82	T	T	T
	MTZ2 32		32 (1)	40	40	50	63		48 (1)	60	60	75	94		82 (1)	82	T	T	T
	MTZ2 40			40 (1)	40 (1)	50	63			60 (1)	60	75	94			82 (1)	T (1)	T	T
Masterpact MTZ3 H1	**MTZ3 40**			40 (1)	40 (1)	50	63			60 (1)	60 (1)	75	94			T (1)	T (1)	T	T
	MTZ3 50					50 (1)	63					75 (1)	94					T (1)	T
Masterpact MTZ2 H3 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**MTZ2 20**	25	32	40	40	50	63	37,5	48	60	60	75	94	82	82	82	T	T	T
	MTZ2 25	25 (1)	32	40	40	50	63	37,5 (1)	48	60	60	75	94	82 (1)	82	82	T	T	T
	MTZ2 32		32 (1)	40	40	50	63		48 (1)	60	60	75	94		82 (1)	82	T	T	T
	MTZ2 40			40 (1)	40 (1)	50	63			60 (1)		75	94			82 (1)	T (1)	T	T
Masterpact MTZ3 H2	**MTZ3 40**				40 (1)	50	63			60 (1)	60 (1)	75	94			T (1)	T (1)	T	T
	MTZ3 50					50 (1)	63					75 (1)	94					T (1)	T
Masterpact MTZ1 L1 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**MTZ1 06**	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	MTZ1 08	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	MTZ1 10	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Masterpact MTZ2 L1 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**MTZ2 08**	25	32	40	40	50	63	37.5	48	60	60	75	94	T	T	T	T	T	T
	MTZ2 10	25	32	40	40	50	63	37.5	48	60	60	75	94	T	T	T	T	T	T
	MTZ2 12	25	32	40	40	50	63	37.5	48	60	60	75	94	T	T	T	T	T	T
	MTZ2 16	25	32	40	40	50	63	37.5	48	60	60	75	94	T	T	T	T	T	T
	MTZ2 20	25	32	40	40	50	63	37.5	48	60	60	75	94	T	T	T	T	T	T

(1) With Ir upstream > 1,3 Ir downstream.

T	Total selectivity, up to the breaking capacity of the downstream circuit breaker.
4	Selectivity limit = 4 kA.
	No selectivity.

Note: respect the basic rules of selectivity, in terms of overload, short-circuit, ground fault and earth leakage when applicable see page 6, or check curves with Schneider Electric online “Electrical calculation tools”.

Selectivity table

Upstream: Masterpact MTZ2 20/25/32/40 H3, MTZ3 40/50/63 H2 Micrologic X
Downstream: iDPN, iC60, C120, NG125, Compact NSXm, NSX100-630, NS630b-3200

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Upstream	Masterpact MTZ2 20/25/32/40 H3				Masterpact MTZ3 40/50/63 H2			Masterpact MTZ2 20/25/32/40 H3				Masterpact MTZ3 40/50/63 H2			Masterpact MTZ2 20/25/32/40 H3				Masterpact MTZ3 40/50/63 H2		
Trip unit	Micrologic 2.0X Isd = 10Ir							Micrologic 5.0X - 6.0X - 7.0X Inst : 15 In Standard							Micrologic 5.0X - 6.0X - 7.0X Inst : OFF						
Downstream Rating (A)	2000	2500	3200	4000	4000	5000	6300	2000	2500	3200	4000	4000	5000	6300	2000	2500	3200	4000	4000	5000	6300
Selectivity limit (kA)																					
iDPN, iDPNN	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
iC60	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
C120N/H	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
NG125N/H/L	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
NSXm E/B/F/N/H	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Compact B/F/H/N/S/L/R TM-D — **NSX100**	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Compact B/F/H/N/S/L/R TM-D — **NSX250**	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Compact NSX160 B/F/H/N/S/L TM-D	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Compact B/F/H/N/S/L/R Micrologic — **NSX100**	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Compact B/F/H/N/S/L/R Micrologic — **NSX250**	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Compact NSX160 B/F/H/N/S/L Micrologic	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Compact F/H/N/S/L/R — **NSX400**	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Compact F/H/N/S/L/R — **NSX630**	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Compact N Micrologic — **NS630b**	20	25	32	40	40	T	T	30	37.5	48	T	T	T	T	T	T	T	T	T	T	T
Compact N Micrologic — **NS800**	20	25	32	40	40	T	T	30	37.5	48	T	T	T	T	T	T	T	T	T	T	T
Compact N Micrologic — **NS1000**	20	25	32	40	40	T	T	30	37.5	48	T	T	T	T	T	T	T	T	T	T	T
Compact N Micrologic — **NS1250**	20	25	32	40	40	T	T	30	37.5	48	T	T	T	T	T	T	T	T	T	T	T
Compact N Micrologic — **NS1600**	20	25	32	40	40	T	T	30	37.5	48	T	T	T	T	T	T	T	T	T	T	T
Compact H Micrologic — **NS630b**	20	25	32	40	40	50	63	30	37.5	48	60	60	T	T	65	65	65	65	T	T	T
Compact H Micrologic — **NS800**	20	25	32	40	40	50	63	30	37.5	48	60	60	T	T	65	65	65	65	T	T	T
Compact H Micrologic — **NS1000**	20	25	32	40	40	50	63	30	37.5	48	60	60	T	T	65	65	65	65	T	T	T
Compact H Micrologic — **NS1250**	20	25	32	40	40	50	63	30	37.5	48	60	60	T	T	65	65	65	65	T	T	T
Compact H Micrologic — **NS1600**	20	25	32	40	40	50	63	30	37.5	48	60	60	T	T	65	65	65	65	T	T	T
Compact N Micrologic — **NS1600b**	20	25	32	40	40	50	63	30	37.5	48	60	60	T	T	65	65	65	65	T	T	T
Compact N Micrologic — **NS2000**	20 (1)	25	32	40	40	50	63	30 (1)	37,5	48	60	60	T	T	65 (1)	65	65	65	T	T	T
Compact N Micrologic — **NS2500**		25 (1)	32	40	40	50	63		37,5 (1)	48	60	60	T	T		65 (1)	65	65	T	T	T
Compact N Micrologic — **NS3200**			32 (1)	40	40	50	63			48 (1)	60	60	T	T			65 (1)	65	T	T	T
Compact H Micrologic — **NS1600b**	20	25	32	40	40	50	63	30	37,5	48	60	60	75	T	65	65	65	65	T	T	T
Compact H Micrologic — **NS2000**	20 (1)	25	32	40	40	50	63	30 (1)	37,5	48	60	60	75	T	65 (1)	65	65	65	T	T	T
Compact H Micrologic — **NS2500**		25 (1)	32	40	40	50	63		37,5 (1)	48	60	60	75	T		65 (1)	65	65	T	T	T
Compact H Micrologic — **NS3200**			32 (1)	40	40	50	63			48 (1)	60	60	75	T			65 (1)	65	T	T	T
Compact L Micrologic — **NS630b**	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Compact L Micrologic — **NS800**	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Compact L Micrologic — **NS1000**	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Compact LB Micrologic — **NS630b**	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Compact LB Micrologic — **NS800**	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T

(1) With Ir upstream > 1,3 Ir downstream.

T	Total selectivity, up to the breaking capacity of the downstream circuit breaker.
4	Selectivity limit = 4 kA.
	No selectivity.

Note: respect the basic rules of selectivity, in terms of overload, short-circuit, ground fault and earth leakage when applicable see page 6, or check curves with Schneider Electric online “Electrical calculation tools”.

Selectivity table

Upstream: Masterpact MTZ2 20/25/32/40 H3, MTZ3 40/50/63 H2 Micrologic X
Downstream: Masterpact MTZ1 06-16, MTZ2 08-40 and MTZ3 40/50

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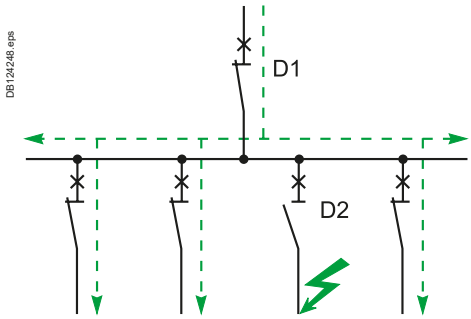
Upstream	Masterpact MTZ2 20/25/32/40 H3				Masterpact MTZ3 40/50/63 H2			Masterpact MTZ2 20/25/32/40 H3				Masterpact MTZ3 40/50/63 H2			Masterpact MTZ2 20/25/32/40 H3				Masterpact MTZ3 40/50/63 H2		
Trip unit	Micrologic 2.0X Isd = 10Ir							Micrologic 5.0X - 6.0X - 7.0X Inst : 15 In Standard							Micrologic 5.0X - 6.0X - 7.0X Inst : OFF						
Downstream	**Rating (A)**	**2000**	**2500**	**3200**	**4000**	**4000**	**5000**	**6300**	**2000**	**2500**	**3200**	**4000**	**4000**	**5000**	**6300**	**2000**	**2500**	**3200**	**4000**	**4000**	**5000**	**6300**
Selectivity limit (kA)																						
Masterpact MTZ1 H1 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**MTZ1 06**	20	25	32	40	40	T	T	30	37.5	T	T	T	T	T	T	T	T	T	T	T	T
	MTZ1 08	20	25	32	40	40	T	T	30	37.5	T	T	T	T	T	T	T	T	T	T	T	T
	MTZ1 10	20	25	32	40	40	T	T	30	37.5	T	T	T	T	T	T	T	T	T	T	T	T
	MTZ1 12	20	25	32	40	40	T	T	30	37.5	T	T	T	T	T	T	T	T	T	T	T	T
	MTZ1 16	20	25	32	40	40	T	T	30	37.5	T	T	T	T	T	T	T	T	T	T	T	T
Masterpact MTZ1 H2 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**MTZ1 06**	20	25	32	40	40	T	T	30	37.5	48	T	T	T	T	T	T	T	T	T	T	T
	MTZ1 08	20	25	32	40	40	T	T	30	37.5	48	T	T	T	T	T	T	T	T	T	T	T
	MTZ1 10	20	25	32	40	40	T	T	30	37.5	48	T	T	T	T	T	T	T	T	T	T	T
	MTZ1 12	20	25	32	40	40	T	T	30	37.5	48	T	T	T	T	T	T	T	T	T	T	T
	MTZ1 16	20	25	32	40	40	T	T	30	37.5	48	T	T	T	T	T	T	T	T	T	T	T
Masterpact MTZ1 H3 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**MTZ1 06**	20	25	32	40	40	50	63	30	37.5	48	60	60	T	T	T	T	T	T	T	T	T
	MTZ1 08	20	25	32	40	40	50	63	30	37.5	48	60	60	T	T	T	T	T	T	T	T	T
	MTZ1 10	20	25	32	40	40	50	63	30	37.5	48	60	60	T	T	T	T	T	T	T	T	T
	MTZ1 12	20	25	32	40	40	50	63	30	37.5	48	60	60	T	T	T	T	T	T	T	T	T
	MTZ1 16	20	25	32	40	40	50	63	30	37.5	48	60	60	T	T	T	T	T	T	T	T	T
Masterpact MTZ2 N1 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**MTZ2 08**	20	25	32	40	40	T	T	30	37.5	T	T	T	T	T	T	T	T	T	T	T	T
	MTZ2 10	20	25	32	40	40	T	T	30	37.5	T	T	T	T	T	T	T	T	T	T	T	T
	MTZ2 12	20	25	32	40	40	T	T	30	37.5	T	T	T	T	T	T	T	T	T	T	T	T
	MTZ2 16	20	25	32	40	40	T	T	30	37.5	T	T	T	T	T	T	T	T	T	T	T	T
Masterpact MTZ2 H1 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**MTZ2 08**	20	25	32	40	40	50	63	30	37.5	48	60	60	T	T	T	T	T	T	T	T	T
	MTZ2 10	20	25	32	40	40	50	63	30	37.5	48	60	60	T	T	T	T	T	T	T	T	T
	MTZ2 12	20	25	32	40	40	50	63	30	37.5	48	60	60	T	T	T	T	T	T	T	T	T
	MTZ2 16	20	25	32	40	40	50	63	30	37.5	48	60	60	T	T	T	T	T	T	T	T	T
	MTZ2 20	20 (1)	25	32	40	40	50	63	30 (1)	37,5	48	60	60	T	T	T (1)	T	T	T	T	T	T
	MTZ2 25		25 (1)	32	40	40	50	63		37,5 (1)	48	60	60	T	T		T (1)	T	T	T	T	T
	MTZ2 32			32 (1)	40	40	50	63			48 (1)	60	60	T	T			T (1)	T	T	T	T
	MTZ2 40				40 (1)	40 (1)	50	63				60 (1)	60	T	T				T (1)	T (1)	T	T
Masterpact MTZ2 H2 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**MTZ2 08**	20	25	32	40	40	50	63	30	37,5	48	60	60	75	94	65	65	65	65	T	T	T
	MTZ2 10	20	25	32	40	40	50	63	30	37,5	48	60	60	75	94	65	65	65	65	T	T	T
	MTZ2 12	20	25	32	40	40	50	63	30	37,5	48	60	60	75	94	65	65	65	65	T	T	T
	MTZ2 16	20	25	32	40	40	50	63	30	37,5	48	60	60	75	94	65	65	65	65	T	T	T
	MTZ2 20	20 (1)	25	32	40	40	50	63	30 (1)	37,5	48	60	60	75	94	65 (1)	65	65	65	T	T	T
	MTZ2 25		25 (1)	32	40	40	50	63		37,5 (1)	48	60	60	75	94		65 (1)	65	65	T	T	T
	MTZ2 32			32 (1)	40	40	50	63			48 (1)	60	60	75	94			65 (1)	65	T	T	T
	MTZ2 40				40 (1)	40 (1)	50	63				60 (1)	60	75	94				65 (1)	T (1)	T	T
Masterpact MTZ3 H1	**MTZ3 40**				40 (1)	40 (1)	50	63				60 (1)	75	94	94				65 (1)	T (1)	T	T
	MTZ3 50						50 (1)	63					75 (1)	94	94						T (1)	T
Masterpact MTZ2 H3 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**MTZ2 20**	20 (1)	25	32	40	40	50	63	30 (1)	37,5	48	60	60	75	94	65 (1)	65	65	65	120	120	120
	MTZ2 25		25 (1)	32	40	40	50	63		37,5 (1)	48	60	60	75	94		65 (1)	65	65	120	120	120
	MTZ2 32			32 (1)	40	40	50	63			48 (1)	60	60	75	94			65 (1)	65	120	120	120
	MTZ2 40				40 (1)	40 (1)	50	63				60 (1)	60	75	94				65 (1)	120 (1)	120	120
Masterpact MTZ3 H2	**MTZ3 40**				40 (1)	40 (1)	50	63				60 (1)	75	75	94				65 (1)	120 (1)	120	120
	MTZ3 50						50 (1)	63					75 (1)		94						120 (1)	120
Masterpact MTZ1 L1 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**MTZ1 06**	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	MTZ1 08	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	MTZ1 10	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Masterpact MTZ2 L1 Micrologic 2.0 - 5.0 - 6.0 - 7.0 X	**MTZ2 08**	20	25	32	40	40	50	63	30	37.5	48	60	60	75	94	100	100	100	100	T	T	T
	MTZ2 10	20	25	32	40	40	50	63	30	37.5	48	60	60	75	94	100	100	100	100	T	T	T
	MTZ2 12	20	25	32	40	40	50	63	30	37.5	48	60	60	75	94	100	100	100	100	T	T	T
	MTZ2 16	20	25	32	40	40	50	63	30	37.5	48	60	60	75	94	100	100	100	100	T	T	T
	MTZ2 20	20	25	32	40	40	50	63		37.5	48	60	60	75	94		100	100	100	T	T	T

(1) With Ir upstream > 1,3 Ir downstream.

T	Total selectivity, up to the breaking capacity of the downstream circuit breaker.
4	Selectivity limit = 4 kA.
	No selectivity.

Note: respect the basic rules of selectivity, in terms of overload, short-circuit, ground fault and earth leakage when applicable see page 6, or check curves with Schneider Electric online “Electrical calculation tools”.

Selectivity tables for direct current application



Continuity of service

Selectivity is a key element that must be taken into account right from the design stage of a low-voltage installation to allow continuity of service of the electrical power.

Selectivity involves coordination between two circuit breakers connected in series, so that in the event of a fault, only the circuit breaker positioned immediately upstream of the fault trips. A selectivity current Is is defined as:
- I fault < Is: only D2 removes the fault, selectivity ensured,
- I fault > Is: both circuit breakers may trip, selectivity not ensured.

Selectivity may be partial or total, up to the breaking capacity of the downstream circuit breaker.
- **Total**: up to the breaking capacity of the downstream device.
- **Partial**: indication of the selectivity limit current Is. Selectivity is ensured below this value; above this value, the upstream device participates in the breaking process.
- **None**: no selectivity ensured, the upstream and downstream circuit breakers will trip.

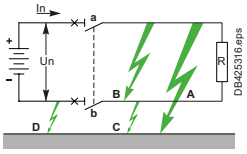
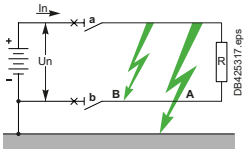
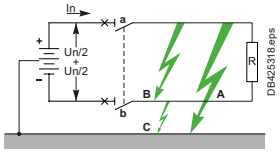
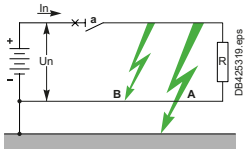
How to use the tables:

In the following pages are provided selectivity tables for the following system:
- 24-48 60 Vdc
- 110-125 Vdc
- 220-250 Vdc

With time constant from 1.5 to 25 ms

Suitability of circuit breakers according to voltage and earthing system shall be checked before using these tables. Selection of devices in DC can be challenging due to the diversity of voltage levels and earthing system. See product catalog or guides for DC application.

In this document we will consider the following cases:

IT	TN		
Isolated from earth + and - conductors protected and disconnected	- (or +) earthed '+ and - conductors protected and disconnected	Midpoint earthed (not distributed) + and – conductors protected and disconnected	- (or +) earthed '+ (or -) conductors protected and disconnected
			
Case 1	Case 2	Case 3	Case 4

For one given voltage the selectivity table is applicable for Case 1, Case 2, Case 3, Case 4 with this voltage between + and – for all types of fault. (In IT, Case 1, circuit breaker will not trip during first fault to earth)
For one given voltage selectivity limits in the table can also apply to system with higher voltage (up to 2 times) for all type of fault in Case 3 and for + to – fault only (Fault "B") in Case 1 if the same circuit breakers with same number of poles can be used at this higher voltage.

Selectivity table

Upstream: iC60 curve B
Downstream: iC60 curves B, C, D, C60H-DC curve C

24 - 48 - 60 V DC [3]

Time constant: 1.5 ms - 25 ms

Upstream			iC60N/H/L, 1P or 2P [1]										
			Curve B										
In (A)			3	4	6	10	16	20	25	32	40	50	63
Downstream													
Circuit breaker	**Curve**	**Rating (A)**	**Selectivity limit (A) [2]**										
iC60N/H/L 1P or 2P [1]	**B**	⩽ 1		T	T	T	T	T	T	T	T	T	T
		2				T	T	T	T	T	T	T	T
		3				150	1200	T	T	T	T	T	T
		4						500	900	T	T	T	T
		6							300	700	1000	1800	4000
		10								400	500	800	1000
		⩾ 16											
	C	⩽ 1		T	T	T	T	T	T	T	T	T	T
		2				T	T	T	T	T	T	T	T
		3				150	1200	T	T	T	T	T	T
		4						400	900	T	T	T	T
		6							300	700	1000	1800	3000
		10								300	500	700	800
		⩾ 16											
	D	⩽ 1			T	T	T	T	T	T	T	T	T
		2				1600	T	T	T	T	T	T	T
		3					900	11000	T	T	T	T	T
		4							700	T	T	T	T
		6								500	800	1800	3000
		10									400	600	800
		⩾ 16											
C60H-DC 1P or 2P [1]	**C**	⩽ 1		T	T	T	T	T	T	T	T	T	T
		2				T	T	T	T	T	T	T	T
		3				150	1200	T	T	T	T	T	T
		4						400	900	T	T	T	T
		6							300	700	1000	1800	3000
		10								300	500	700	800
		⩾ 16											

[1] Type of circuit breaker depend on earthing system and circuit breaker ranges (see Distribution guide direct current CA908061).
[2] According to the voltage and number of pole used, the breaking capacity can changed. Selectivity limit is the minimum of the value indicated in the table and the breaking capacity of downstream circuit breaker.
[3] This table is applicable for Case 1, Case 2, Case 3, Case 4 defined in introduction with this voltage between + and - Selectivity limits in this table for Case 3 and Case 4 can also apply to system with higher voltage (up to 2 times) for the same circuit breaker (same number of poles used).

Compliancy of circuit breakers according to voltage and earthing system shall be checked before using this table.

T : Total selectivity.

700 : Selectivity limit = 700 A

: No selectivity.

Selectivity table

Upstream: iC60 curve C
Downstream: iC60 curves B, C, D, C60H-DC curve C

24 - 48 - 60 V DC [3]

Time constant: 1.5 ms - 25 ms

Upstream			iC60N/H/L, 1P or 2P [1]										
			Curve C										
In (A)			3	4	6	10	16	20	25	32	40	50	63
Downstream													
Circuit breaker	**Curve**	**Rating (A)**	**Selectivity limit (A) [2]**										
iC60N/H/L 1P or 2P [1]	**B**	⩽ 1	T	T	T	T	T	T	T	T	T	T	T
		2			700	T	T	T	T	T	T	T	T
		3				900	T	T	T	T	T	T	T
		4					900	8000	T	T	T	T	T
		6							900	1800	3200	T	T
		10								700	800	1500	2000
		16										1000	1200
		⩾ 20											
	C	⩽ 1	T	T	T	T	T	T	T	T	T	T	T
		2			500	T	T	T	T	T	T	T	T
		3				900	T	T	T	T	T	T	T
		4					900	6700	T	T	T	T	T
		6							700	1400	3200	T	T
		10								700	800	1500	2000
		16										1000	1200
		⩾ 20											
	D	⩽ 1	T	T	T	T	T	T	T	T	T	T	T
		2			350	T	T	T	T	T	T	T	T
		3				700	T	T	T	T	T	T	T
		4					700	4000	T	T	T	T	T
		6							700	1400	3200	T	T
		10								500	800	1500	1800
		16										1000	1200
		⩾ 20											
C60H-DC 1P or 2P [1]	**C**	⩽ 1	T	T	T	T	T	T	T	T	T	T	T
		2			500	T	T	T	T	T	T	T	T
		3				900	T	T	T	T	T	T	T
		4					900	6700	T	T	T	T	T
		6							700	1400	3200	T	T
		10								700	800	1500	2000
		16										1000	1200
		⩾ 20											

[1] Type of circuit breaker depend on earthing system and circuit breaker ranges (see Distribution guide direct current CA908061).
[2] According to the voltage and number of pole used, the breaking capacity can changed. Selectivity limit is the minimum of the value indicated in the table and the breaking capacity of downstream circuit breaker.
[3] This table is applicable for Case 1, Case 2, Case 3, Case 4 defined in introduction with this voltage between + and - Selectivity limits in this table for Case 3 and Case 4 can also apply to system with higher voltage (up to 2 times) for the same circuit breaker (same number of poles used).

Compliancy of circuit breakers according to voltage and earthing system shall be checked before using this table.

T : Total selectivity.

700 : Selectivity limit = 700 A

: No selectivity.

Selectivity table

Upstream: iC60 curve D
Downstream: iC60 curves B, C, D, C60H-DC curve C

24 - 48 - 60 V DC [3]

Time constant: 1.5 ms - 25 ms

Upstream			iC60N/H/L, 1P or 2P [1]										
			Curve D										
In (A)			3	4	6	10	16	20	25	32	40	50	63
Downstream													
Circuit breaker	**Curve**	**Rating (A)**	**Selectivity limit (A) [2]**										
iC60N/H/L 1P or 2P [1]	**B**	⩽ 1	T	T	T	T	T	T	T	T	T	T	T
		2		1500	T	T	T	T	T	T	T	T	T
		3			400	T	T	T	T	T	T	T	T
		4				700	T	T	T	T	T	T	T
		6					700	1000	2500	T	T	T	T
		10							700	1400	1600	3600	9000
		16								900	1000	1900	2700
		⩾ 20											
	C	⩽ 1	T	T	T	T	T	T	T	T	T	T	T
		2		1000	T	T	T	T	T	T	T	T	T
		3			350	T	T	T	T	T	T	T	T
		4				700	T	T	T	T	T	T	T
		6					700	1000	2000	T	T	T	T
		10							700	1400	1600	3600	9000
		16								900	1000	1500	2100
		⩾ 20											
	D	⩽ 1	T	T	T	T	T	T	T	T	T	T	T
		2		700	T	T	T	T	T	T	T	T	T
		3			350	T	T	T	T	T	T	T	T
		4				700	T	T	T	T	T	T	T
		6					700	1000	2000	T	T	T	T
		10							700	1400	1600	3600	7400
		16								900	1000	1500	2100
		⩾ 20											
C60H-DC 1P or 2P [1]	**C**	⩽ 1	T	T	T	T	T	T	T	T	T	T	T
		2		1000	T	T	T	T	T	T	T	T	T
		3			350	T	T	T	T	T	T	T	T
		4				700	T	T	T	T	T	T	T
		6					700	1000	2000	T	T	T	T
		10							700	1400	1600	3600	9000
		16								900	1000	1500	2100
		⩾ 20											

[1] Type of circuit breaker depend on earthing system and circuit breaker ranges (see Distribution guide direct current CA908061).
[2] According to the voltage and number of pole used, the breaking capacity can changed. Selectivity limit is the minimum of the value indicated in the table and the breaking capacity of downstream circuit breaker.
[3] This table is applicable for Case 1, Case 2, Case 3, Case 4 defined in introduction with this voltage between + and - Selectivity limits in this table for Case 3 and Case 4 can also apply to system with higher voltage (up to 2 times) for the same circuit breaker (same number of poles used).

Compliancy of circuit breakers according to voltage and earthing system shall be checked before using this table.

T : Total selectivity.

700 : Selectivity limit = 700 A

: No selectivity.

Selectivity table

Upstream: C60H-DC curve C
Downstream: iC60 curves B, C, D, C60H-DC curve C

24 - 48 - 60 V DC [3]

Time constant: 1.5 ms - 25 ms

Upstream			C60H-DC, 1P or 2P [1]										
			Curve C										
In (A)			3	4	6	10	16	20	25	32	40	50	63
Downstream													
Circuit breaker	**Curve**	**Rating (A)**	**Selectivity limit (A) [2]**										
iC60N/H/L 1P or 2P [1]	**B**	⩽ 1		T	T	T	T	T	T	T	T	T	T
		2			150	T	T	T	T	T	T	T	T
		3				300	1200	T	T	T	T	T	T
		4					500	800	1500	T	T	T	T
		6						370	450	900	1600	3600	7300
		10								400	800	1200	1800
		⩾ 16											
	C	⩽ 1		T	T	T	T	T	T	T	T	T	T
		2			150	T	T	T	T	T	T	T	T
		3				300	1200	T	T	T	T	T	T
		4					400	600	1500	T	T	T	T
		6						300	450	900	1600	3600	6000
		10								400	800	1200	1450
		⩾ 16											
	D	⩽ 1		T	T	T	T	T	T	T	T	T	T
		2			150	T	T	T	T	T	T	T	T
		3				200	900	T	T	T	T	T	T
		4					400	600	1500	T	T	T	T
		6						300	450	900	1600	3600	6000
		10								400	700	1200	1450
		⩾ 16											
C60H-DC 1P or 2P [1]	**C**	⩽ 1		T	T	T	T	T	T	T	T	T	T
		2			150	T	T	T	T	T	T	T	T
		3				300	1200	T	T	T	T	T	T
		4					500	800	1500	T	T	T	T
		6						370	450	900	1600	3600	7300
		10								400	800	1200	1800
		⩾ 16											

[1] Type of circuit breaker depend on earthing system and circuit breaker ranges (see Distribution guide direct current CA908061).
[2] According to the voltage and number of pole used, the breaking capacity can changed. Selectivity limit is the minimum of the value indicated in the table and the breaking capacity of downstream circuit breaker.
[3] This table is applicable for Case 1, Case 2, Case 3, Case 4 defined in introduction with this voltage between + and - Selectivity limits in this table for Case 3 and Case 4 can also apply to system with higher voltage (up to 2 times) for the same circuit breaker (same number of poles used).

Compliancy of circuit breakers according to voltage and earthing system shall be checked before using this table.

T : Total selectivity.

700 : Selectivity limit = 700 A

: No selectivity.

Selectivity table

Upstream: C120, NG125 curve B
Downstream: iC60 curves B, C, D, C60H-DC curve C

24 - 48 - 60 V DC [3]

Time constant: 1.5 ms - 25 ms

Upstream			C120N/H/L, NG125N/H/L, 1P or 2P [1]										
			Curve B										
In (A)			10	16	20	25	32	40	50	63	80	100	125
Downstream													
Circuit breaker	**Curve**	**Rating (A)**	**Selectivity limit (A)** [2]										
iC60N/H/L 1P or 2P [1]	**B**	≤ 2	T	T	T	T	T	T	T	T	T	T	T
		3	150	T	T	T	T	T	T	T	T	T	T
		4		300	500	1000	1250	T	T	T	T	T	T
		6			300	500	600	1800	2000	5500	T	T	T
		10						700	700	1900	5000	9500	T
		16									2000	3500	8500
		20										2000	4200
		≥ 25											
	C	≤ 2	T	T	T	T	T	T	T	T	T	T	T
		3	120	T	T	T	T	T	T	T	T	T	T
		4		250	900	1100	1300	T	T	T	T	T	T
		6				500	500	1400	2000	4500	T	T	T
		10						500	600	1500	5000	9000	T
		16									1800	3000	7000
		20										2000	3500
		≥ 25											
	D	≤ 1	T	T	T	T	T	T	T	T	T	T	T
		2	5000	T	T	T	T	T	T	T	T	T	T
		3		600	T	T	T	T	T	T	T	T	T
		4			500	800	1000	T	T	T	T	T	T
		6				300	300	1100	1600	3500	T	T	T
		10						400	400	1200	4000	8000	T
		16							250	400	1400	2500	6000
		20									600	1400	3500
		≥ 25											
C60H-DC 1P or 2P [1]	**C**	≤ 2	T	T	T	T	T	T	T	T	T	T	T
		3	120	T	T	T	T	T	T	T	T	T	T
		4		250	900	1100	1300	T	T	T	T	T	T
		6				500	500	1400	2000	4500	T	T	T
		10						500	600	1500	5000	9000	T
		16									1800	3000	7000
		20										2000	3500
		≥ 25											

[1] Type of circuit breaker depend on earthing system and circuit breaker ranges (see Distribution guide direct current CA908061).
[2] According to the voltage and number of pole used, the breaking capacity can changed. Selectivity limit is the minimum of the value indicated in the table and the breaking capacity of downstream circuit breaker.
[3] This table is applicable for Case 1, Case 2, Case 3, Case 4 defined in introduction with this voltage between + and - Selectivity limits in this table for Case 3 and Case 4 can also apply to system with higher voltage (up to 2 times) for the same circuit breaker (same number of poles used).

Compliancy of circuit breakers according to voltage and earthing system shall be checked before using this table.

T : Total selectivity.

700 : Selectivity limit = 700 A

: No selectivity.

Selectivity table

Upstream: C120, NG125 curve C
Downstream: iC60 curves B, C, D, C60H-DC curve C

24 - 48 - 60 V DC [3]

Time constant: 1.5 ms - 25 ms

Upstream			C120N/H/L, NG125N/H/L, 1P or 2P [1]										
			Curve C										
In (A)			10	16	20	25	32	40	50	63	80	100	125
Downstream													
Circuit breaker	**Curve**	**Rating (A)**	**Selectivity limit (A) [2]**										
iC60N/H/L 1P or 2P [1]	**B**	⩽ 2	T	T	T	T	T	T	T	T	T	T	T
		3	5000	T	T	T	T	T	T	T	T	T	T
		4		1500	2000	T	T	T	T	T	T	T	T
		6			400	1500	3000	T	T	T	T	T	T
		10						1800	3000	8000	T	T	T
		16						1000	1400	2500	15000	T	T
		20									6500	11500	T
		25									4500	8500	15000
		32										5000	8000
		⩾ 40											
	C	⩽ 2	T	T	T	T	T	T	T	T	T	T	T
		3	5000	T	T	T	T	T	T	T	T	T	T
		4		1000	1400	T	T	T	T	T	T	T	T
		6			400	1000	2400	T	T	T	T	T	T
		10					800	1500	3000	8500	T	T	T
		16						800	1400	3000	15000	T	T
		20								1700	6500	11000	T
		25									4500	8500	12000
		32									3000	5000	7000
		⩾ 40											
	D	⩽ 2	T	T	T	T	T	T	T	T	T	T	T
		3	4000	T	T	T	T	T	T	T	T	T	T
		4		500	1000	T	T	T	T	T	T	T	T
		6				800	1900	T	T	T	T	T	T
		10					600	1200	2500	7000	T	T	T
		16						500	1000	2500	12000	T	T
		20								1400	5500	9000	T
		25									3500	7500	11000
		32										3500	6000
		⩾ 40											
C60H-DC 1P or 2P [1]	**C**	⩽ 2	T	T	T	T	T	T	T	T	T	T	T
		3	5000	T	T	T	T	T	T	T	T	T	T
		4		1000	1400	T	T	T	T	T	T	T	T
		6			400	1000	2400	T	T	T	T	T	T
		10					800	1500	3000	8500	T	T	T
		16						800	1400	3000	15000	T	T
		20								1700	6500	11000	T
		25									4500	8500	12000
		32									3000	5000	7000
		⩾ 40											

[1] Type of circuit breaker depend on earthing system and circuit breaker ranges (see Distribution guide direct current CA908061).
[2] According to the voltage and number of pole used, the breaking capacity can changed. Selectivity limit is the minimum of the value indicated in the table and the breaking capacity of downstream circuit breaker.
[3] This table is applicable for Case 1, Case 2, Case 3, Case 4 defined in introduction with this voltage between + and - Selectivity limits in this table for Case 3 and Case 4 can also apply to system with higher voltage (up to 2 times) for the same circuit breaker (same number of poles used).

Compliancy of circuit breakers according to voltage and earthing system shall be checked before using this table.

T : Total selectivity.

500 : Selectivity limit = 700 A

: No selectivity.

Selectivity table

Upstream: C120, NG125 curve D
Downstream: iC60 curves B, C, D, C60H-DC curve C

24 - 48 - 60 V DC [3]

Time constant: 1.5 ms - 25 ms

Upstream			C120N/H/L, NG125N/H/L, 1P or 2P [1]										
			Curve D										
In (A)			10	16	20	25	32	40	50	63	80	100	125
Downstream													
Circuit breaker	**Curve**	**Rating (A)**	**Selectivity limit (A) [2]**										
iC60N/H/L 1P or 2P [1]	**B**	≤ 3	T	T	T	T	T	T	T	T	T	T	T
		4	5000	T	T	T	T	T	T	T	T	T	T
		6		1000	2000	T	T	T	T	T	T	T	T
		10			1000	9000	1400	3500	5000	T	T	T	T
		16						1500	2500	6000	T	T	T
		20							2000	3500	T	T	T
		25									15000	T	T
		32									9000	T	T
		40									7000	10000	T
		50											10000
		63											5000
	C	≤ 3	T	T	T	T	T	T	T	T	T	T	T
		4	5000	T	T	T	T	T	T	T	T	T	T
		6		1000	2000	T	T	T	T	T	T	T	T
		10			1000	9000	1400	3000	4000	15000	T	T	T
		16						1500	2000	6000	T	T	T
		20								3000	T	T	T
		25									12000	T	T
		32									8000	T	T
		40									5000	9000	T
		50											9000
		63											4000
	D	≤ 3	T	T	T	T	T	T	T	T	T	T	T
		4	5000	T	T	T	T	T	T	T	T	T	T
		6		1000	2000	T	T	T	T	T	T	T	T
		10			1000	9000	1400	3000	4000	12000	T	T	T
		16						1200	2000	5000	T	T	T
		20									T	T	T
		25									10000	T	T
		32									6000	12000	T
		40										5000	10000
		50											5000
		63											
C60H-DC 1P or 2P [1]	**C**	≤ 3	T	T	T	T	T	T	T	T	T	T	T
		4	5000	T	T	T	T	T	T	T	T	T	T
		6		1000	2000	T	T	T	T	T	T	T	T
		10			1000	9000	1400	3000	4000	15000	T	T	T
		16						1500	2000	6000	T	T	T
		20								3000	T	T	T
		25									12000	T	T
		32									8000	T	T
		40									5000	9000	T
		50											9000
		63											4000

[1] Type of circuit breaker depend on earthing system and circuit breaker ranges (see Distribution guide direct current CA908061).
[2] According to the voltage and number of pole used, the breaking capacity can changed.
Selectivity limit is the minimum of the value indicated in the table and the breaking capacity of downstream circuit breaker.
[3] This table is applicable for Case 1, Case 2, Case 3, Case 4 defined in introduction with this voltage between + and -
Selectivity limits in this table for Case 3 and Case 4 can also apply to system with higher voltage (up to 2 times) for the same circuit breaker (same number of poles used).

Compliancy of circuit breakers according to voltage and earthing system shall be checked before using this table.

T : Total selectivity.

5000 : Selectivity limit = 700 A

: No selectivity.

Selectivity table

Upstream: Compact NSX100/160/250 DC TM-D, TM-DC
Downstream: iC60, C120, NG125, C60H-DC

24 - 48 - 60 V DC [3]

Time constant: 1.5 ms - 25 ms

Upstream		NSX100DC								NSX160DC			NSX250 DC				
		1P1D 2P2D F/N/M/S 3P3D F/S [1]															
	Trip unit	TMD, TM-DC								TMD, TM-DC			TM-DC				
	Rating	16	25	32	40	50	63	80	100	100	125	160	160	200		250	
	Im	fixe	fixe	fixe	fixe	fixe	fixe	fixe	fixe	fixe	fixe	fixe	fixe	Mini	Maxi	Mini	Maxi
		260	400	550	700	700	700	800	800	800	1250	1250	1250	1000	2000	1250	2500
Downstream	**Rating**	**Selectivity limit (kA)** [2]															
iC60 N/H	0,5	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
B-C-D curves	1	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	2	10	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
iC60 L	3	5	10	T	T	T	T	T	T	T	T	T	T	T	T	T	T
B-C-D curves	4	0,26	5	10	T	T	T	T	T	T	T	T	T	T	T	T	T
	5		0,4	5	10	T	T	T	T	T	T	T	T	T	T	T	T
1P1D or 2P2D [1]	6			0,55	5	10	T	T	T	T	T	T	T	T	T	T	T
	10				0.7	5	T	T	T	T	T	T	T	T	T	T	T
	13					0,7	T	T	T	T	T	T	T	T	T	T	T
	15-16						5	T	T	T	T	T	T	T	T	T	T
	20						0,7	10	10	10	T	T	T	T	T	T	T
	25							5	10	10	T	T	T	T	T	T	T
	32							0,8	10	10	T	T	T	10	T	T	T
	40								5	5	10	T	T	5	T	T	T
	50								0,8	0,8	10	10	10		T	10	T
	63										5	5	5		T	5	T
C60H-DC	0,5	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
C curves	1	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	2	10	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
1P1D or 2P2D [1]	3	5	10	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	4	0,26	5	10	T	T	T	T	T	T	T	T	T	T	T	T	T
	5		0,4	5	10	T	T	T	T	T	T	T	T	T	T	T	T
	6			0,55	5	10	T	T	T	T	T	T	T	T	T	T	T
	10				0.7	5	T	T	T	T	T	T	T	T	T	T	T
	13					0,7	T	T	T	T	T	T	T	T	T	T	T
	15-16						5	T	T	T	T	T	T	T	T	T	T
	20						0,7	10	10	10	T	T	T	T	T	T	T
	25							5	10	10	T	T	T	T	T	T	T
	30-32							0,8	10	10	T	T	T	10	T	T	T
	40								5	5	10	T	T	5	T	T	T
	50								0,8	0,8	10	10	10		T	10	T
	63										5	5	5		T	5	T
C120 N/H	63										1,25	5	5		5	T	T
B-C-D curves	80														5		T
1P1D or 2P2D [1]	100														5		T
	125																T
NG125 N/H/L	10		0,4	0,5	0,7	0,7	0,7	5	5	5	10	10	10	T	T	T	T
B-C-D curves	16			0,5	0,7	0,7	0,7	0,8	5	5	10	10	10	10	T	T	T
1P1D or 2P2D [1]	20				0,7	0,7	0,7	0,8	0,8	0,8	10	10	10	5	T	T	T
	25						0,7	0,8	0,8	0,8	10	10	10	5	T	T	T
	32							0,8	0,8	0,8	5	10	10	1	T	T	T
	40								0,8	0,8	5	10	10	1	T	T	T
	50										1,25	5	5	1	10	T	T
	63										1,25	5	5		5	T	T
	80														5		T
	100 (N)														5		T
	125 (N)																T

[1] Type of circuit breaker depend on earthing system and circuit breaker ranges (see Distribution guide direct current CA908061).
[2] According to the voltage and number of pole used, the breaking capacity can changed.
Selectivity limit is the minimum of the value indicated in the table and the breaking capacity of downstream circuit breaker.
[3] This table is applicable for Case 1, Case 2, Case 3, Case 4 defined in introduction with this voltage between + and -
Selectivity limits in this table for Case 3 and Case 4 can also apply to system with higher voltage (up to 2 times) for the same circuit breaker (same number of poles used).

Compliancy of circuit breakers according to voltage and earthing system shall be checked before using this table.

Selectivity table

Upstream: Compact NSX100/160/250 DC with parallel connection of poles
Downstream: iC60, C60H-DC, C120, NG125

24 - 48 - 60 V DC [3]

Time constant: 1.5 ms - 25 ms

Upstream		NSX 100DC F			NSX 160DC F	NSX 250 DC F			NSX 100DC F			NSX 160DC F	NSX 250DC F		
		2P2D				3P3D 2P used			4P4D						
		Parallel connection for + or -				Parallel connection for + or -			2 poles with parallel connection for + and - [2]						
	Trip unit	TM-D, TM-DC				TM-DC			TM-D, TM-DC				TM-DC		
	Rating	50	63	80	125	160	200		50	63	80	125	160	200	
	Equivalent rated current	125	158	200	313	400	500		115	145	184	288	368	460	
	Im	fixe	fixe	fixe	fixe	fixe	Mini	Maxi	fixe	fixe	fixe	fixe	fixe	Mini	Maxi
		1400	1400	1600	2500	2500	2000	4000	1400	1400	1600	2500	2500	2000	4000
Downstream	**Rating**	**Selectivity limit (kA)** [2]													
iC60 N / H	0,5	T	T	T	T	T	T	T	T	T	T	T	T	T	T
B-C-D Curves	1	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	2	T	T	T	T	T	T	T	T	T	T	T	T	T	T
iC60 L	3	T	T	T	T	T	T	T	T	T	T	T	T	T	T
B-C-D-curves	4	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	5	T	T	T	T	T	T	T	T	T	T	T	T	T	T
1P1D or 2P2D [1]	6	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	10	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	13	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	15-16	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	20	10	T	T	T	T	T	T		T	T	T	T	T	T
	25	5	T	T	T	T	T	T	5	T	T	T	T	T	T
	32	0,8	T	T	T	T	T	T	0,8	T	T	T	T	T	T
	40		10	T	T	T	T	T		10	T	T	T	T	T
	50		10	10	T	T	10	T		10	10	T	T	10	T
	63		5	5	T	T	5	T		5	5	T	T	5	T
C60H-DC	0,5	T	T	T	T	T	T	T	T	T	T	T	T	T	T
C Curves	1	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	2	T	T	T	T	T	T	T	T	T	T	T	T	T	T
1P1D or 2P2D [1]	3	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	4	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	5	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	6	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	10	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	13	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	15-16	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	20	10	T	T	T	T	T	T	10	T	T	T	T	T	T
	25	5	T	T	T	T	T	T	5	T	T	T	T	T	T
	30-32	0,8	T	T	T	T	T	T	0,8	T	T	T	T	T	T
	40		10	T	T	T	T	T		10	T	T	T	T	T
	50		10	10	T	T	10	T		10	10	T	T	10	T
	63		5	5	T	T	5	T		5	5	T	T	5	T
C120 N/H	63		1,25	5	T	T	T	T		1,25	5	T	T	T	T
B-C-D Curves	80				T	T		T				T	T		T
1P1D or 2P2D [1]	100				T	T		T				T	T		T
	125				T	T		T				T	T		T
NG125 N/H/L	10	5	10	10	T	T	T	T	5	10	10	T	T	T	T
B-C-D Curves	16	0,8	10	10	T	T	T	T	0,8	10	10	T	T	T	T
1P1D or 2P2D [1]	20	0,8	10	10	T	T	T	T	0,8	10	10	T	T	T	T
	25	0,8	10	10	T	T	T	T	0,8	10	10	T	T	T	T
	32	0,8	5	10	T	T	T	T	0,8	5	10	T	T	T	T
	40		5	10	T	T	T	T		5	10	T	T	T	T
	50		1,25	5	T	T	T	T		1,25	5	T	T	T	T
	63		1,25	5	T	T	T	T		1,25	5	T	T	T	T
	80				T	T		T				T	T		T
	100 (N)				T	T		T				T	T		T
	125 (N)				T	T		T				T	T		T

[1] Type of circuit breaker (1P1D, 2P2D) depend on earthing system and circuit breaker ranges.
For voltage up to 60Vdc one single pole of iC60 C120 NG125 NSX range is enough to break the current.
For ranges with 3P or 4P breakers only (NSX250 for example), one or two poles only are used of a 3P circuit breaker.

[2] According to the voltage and nb of pole used, the breaking capacity can changed.
Selectivity limit is the minimum of the value indicated in the table and the breaking capacity of downstream circuit breaker.

[3] This table is applicable for Case 1, Case 2, Case 3, Case 4 defined in introduction with this voltage between + and -.
Selectivity limits in this table for case 1 and Case 3 can also apply to system with higher voltage (up to 2 times) for the same circuit breaker (same number of poles used).

Compliancy of circuit breakers according to voltage and earthing system shall be checked before using this table.

Selectivity table

Upstream: Compact NSX100/160/250 DC TM-G
Downstream: iC60, C60H-DC, C120, NG125

24 - 48 - 60 V DC [3]

Time constant: 1.5 ms - 25 ms

Upstream			NSX100DC						NSX160DC			NSX250 DC		
			3P3D (1 or 2 P used) F/S [1]											
	Trip unit		TM-G						TM-G			TM-G		
	Rating		16	25	40	63	80	100	100	125	160	160	200	250
	Im		80	100	100	150	250	400	400	530	530	530	530	625
Downstream	**In**	**Im**	**Selectivity limit (kA) [2]**											
iC60 N/H/L	0,5		10	10	10	T	T	T	T	T	T	T	T	T
B-C-D Curves	1		5	5	5	T	T	T	T	T	T	T	T	T
	2		0,08	0,1	0,1	10	T	T	T	T	T	T	T	T
	3				0,1	5	10	T	T	T	T	T	T	T
	4					0,15	5	10	10	T	T	T	T	T
1P1D or 2P2D [1]	5						0,25	5	5	T	T	T	T	T
	6							0,4	0,4	T	T	T	T	T
	10									10	10	10	10	T
	13									5	5	5	5	10
	15-16									5	5	5	5	5
	20									0,5	0,5	0,5	0,5	5
	25													0,6
	32													
	40													
	50													
	63													
C60H-DC	0,5		10	10	10	T	T	T	T	T	T	T	T	T
C Curves	1		5	5	5	T	T	T	T	T	T	T	T	T
	2		0,08	0,1	0,1	10	T	T	T	T	T	T	T	T
1P1D or 2P2D [1]	3				0,1	5	10	T	T	T	T	T	T	T
	4					0,15	5	10	10	T	T	T	T	T
	5						0,25	5	5	T	T	T	T	T
	6							0,4	0,4	T	T	T	T	T
	10									10	10	10	10	T
	13									5	5	5	5	10
	15-16									5	5	5	5	5
	20									5	5	5	5	5
	25									0,5	0,5	0,5	0,5	5
	30-32													0,6
	40													
	50													
	63													
NG125 N/H/L	10						0,25	0,4	0,4	0,5	0,5	0,5	0,5	0,6
B-C-D Curves	16							0,4	0,5	0,5	0,5	0,5	0,5	0,6
	20									0,5	0,5	0,5	0,5	0,6
1P1D or 2P2D [1]	25													0,6
	32													
	40													

[1] Type of circuit breaker (1P1D, 2P2D) depend on earthing system and circuit breaker ranges.
For voltage up to 60Vdc one single pole of iC60 C120 NG125 NSX range is enough to break the current.
For ranges with 3P or 4P breakers only (NSX250 for example), one or two poles only are used of a 3P circuit breaker.

[2] According to the voltage and nb of pole used, the breaking capacity can changed.
Selectivity limit is the minimum of the value indicated in the table and the breaking capacity of downstream circuit breaker.

[3] This table is applicable for Case 1, Case 2, Case 3, Case 4 defined in introduction with this voltage between + and -.
Selectivity limits in this table for case 1 and Case 3 can also apply to system with higher voltage (up to 2 times) for the same circuit breaker (same number of poles used).

Compliancy of circuit breakers according to voltage and earthing system shall be checked before using this table.

Selectivity table

Upstream: Compact NSX100/160/250 DC TM-D, TM-DC
Downstream: Compact NSX100/160 DC TM-D, TM-DC, TM-G

24 - 48 - 60 V DC [3]

Time constant: 1.5 ms - 25 ms

Upstream			NSX100 DC								NSX160 DC			NSX250 DC				
			1P1D 2P2D F/N/M/S (3P3D F/S) [1]											3P3D (1 or 2 P Used) F/S [1]				
		Trip unit	TM-D								TM-D, TM-DC			TM-DC				
		Rating	16	25	32	40	50	63	80	100	100	125	160	160	200		250	
		Im	fixe	fixe	fixe	fixe	fixe	fixe	fixe	fixe	fixe	fixe	fixe	fixe	Mini	Maxi	Mini	Maxi
			260	400	550	700	700	700	640	800	800	1250	1250	1250	1000	2000	1250	2500
Downstream	**Rating**	**Im**	**Selectivity limit (kA)** [2]															
NSX100DC	16	260			0,5	0,7	0,7	0,7	0,7	0,8	0,8	1,25	1,25	1,25	1	2	1,25	5
TM-D	25	400				0,7	0,7	0,7	0,7	0,8	0,8	1,25	1,25	1,25	1	2	1,25	5
(TM-DC)	32	400						0,7	0,7	0,8	0,8	1,25	1,25	1,25	1	2	1,25	5
1P1D or 2P2PD	40	700							0,7	0,8	0,8	1,25	1,25	1,25	1	2	1,25	5
(3P3D)	50	700							0,7	0,8	0,8	1,25	1,25	1,25	1	2	1,25	2,5
[1]	63	700								0,8	0,8	1,25	1,25	1,25	1	2	1,25	2,5
	80	800										1,25	1,25	1,25	1	2	1,25	2,5
	100	1000										1,25	1,25	1,25	1	2	1,25	2,5
NSX100DC	16	80			0,5	0,7	0,7	0,7	0,7	0,8	0,8	1,25	1,25	1,25	1	2	1,25	10
TM-G	25	100				0,7	0,7	0,7	0,7	0,8	0,8	1,25	1,25	1,25	1	2	1,25	5
3P3D	40	100							0,7	0,8	0,8	1,25	1,25	1,25	1	2	1,25	5
[1]	63	150							0,7	0,8	0,8	1,25	1,25	1,25	1	2	1,25	5
	80	250								0,8		1,25	1,25	1,25	1	2	1,25	2,5
	100	400										1,25	1,25	1,25	1	2	1,25	2,5
NSX160DC	100	1000										1,25	1,25	1,25	1	2	1,25	2,5
1P1D or 2P2D	125	1200															1,25	2,5
3P2D [1]	160	1250																
NSX160DC	125	530															1,25	2,5
TM-G 3P3D [1]	160	530																

[1] Type of circuit breaker (1P1D, 2P2D) depend on earthing system and circuit breaker ranges.
For voltage up to 60Vdc one single pole of iC60 C120 NG125 NSX range is enough to break the current.
For ranges with 3P or 4P breakers only (NSX250 for example), one or two poles only are used of a 3P circuit breaker.

[2] According to the voltage and nb of pole used, the breaking capacity can changed.
Selectivity limit is the minimum of the value indicated in the table and the breaking capacity of downstream circuit breaker.

[3] This table is applicable for Case 1, Case 2, Case 3, Case 4 defined in introduction with this voltage between + and -.
Selectivity limits in this table for case 1 and Case 3 can also apply to system with higher voltage (up to 2 times) for the same circuit breaker (same number of poles used).

Compliancy of circuit breakers according to voltage and earthing system shall be checked before using this table.

Selectivity table

Upstream: Compact NSX400/630/1200 DC TM-DC
Downstream: iC60, C60H-DC, C120, NG125

24 - 48 - 60 V DC [3]

Time constant: 1.5 ms - 25 ms

Upstream		NSX400DC F/S						NSX630DC F/S				NSX1200DC N							
		3P3D (1 or 2 P Used) [1]										2P2D							
	Trip unit	TM-DC						TM-DC				TM-DC							
	Rating	250		320		400		500		600		630		800		1000		1200	
		min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
		625	1250	800	1600	1000	2000	1250	2500	1500	3000	1575	3150	2000	4000	2500	5000	3000	6000
Downstream	**Rating Im**	**Selectivity limit (kA)** [2]																	
iC60 N/H/L	0,5	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
B-C-D Curves	1	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	2	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	3	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	4	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
1P1D or 2P2D	5	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
[1]	6	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	10	10	T	10	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	13	5	T	10	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	15-16	0,6	T	5	T	10	T	T	T	T	T	T	T	T	T	T	T	T	T
	20		10	5	T	5	T	T	T	T	T	T	T	T	T	T	T	T	T
	25		5	0,8	10	5	T	T	T	T	T	T	T	T	T	T	T	T	T
	32		1,25	0,8	10	1	10	T	T	T	T	T	T	T	T	T	T	T	T
	40				10		10	T	T	T	T	T	T	T	T	T	T	T	T
	50				5		5	T	T	T	T	T	T	T	T	T	T	T	T
	63				5		2	T	T	T	T	T	T	T	T	T	T	T	T
C60H-DC	0,5	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
C Curves	1	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	2	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
1P1D or 2P2D	3	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
[1]	4	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	5	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	6	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	10	10	T	10	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	13	5	T	10	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	15-16	0,6	T	5	T	10	T	T	T	T	T	T	T	T	T	T	T	T	T
	20		10	5	T	5	T	T	T	T	T	T	T	T	T	T	T	T	T
	25		5	0,8	10	5	T	T	T	T	T	T	T	T	T	T	T	T	T
	30-32		1,25	0,8	10	1	10	T	T	T	T	T	T	T	T	T	T	T	T
	40				10		10	T	T	T	T	T	T	T	T	T	T	T	T
	50				5		5	T	T	T	T	T	T	T	T	T	T	T	T
	63				5		2	T	T	T	T	T	T	T	T	T	T	T	T
C120 N/H	63								T	1,5	T	1,5	T	5	T	T	T	T	T
	80								T		T		T	2	T	T	T	T	T
1P1D or 2P2D	100 (N)								T		T		T		T	T	T	T	T
[1]	125 (N)								5		T		T		T	5	T	T	T
NG125 N/H/L	10	0,625	5	5	10	5	10	T	T	T	T	T	T	T	T	T	T	T	T
B-C-D Curves	16		1,25	0,8	10	5	10	T	T	T	T	T	T	T	T	T	T	T	T
	20				5	1	10	T	T	T	T	T	T	T	T	T	T	T	T
1P1D or 2P2D	25				5	1	5	10	T	T	T	T	T	T	T	T	T	T	T
[1]	32				1,6	1	5	5	T	10	T	10	T	T	T	T	T	T	T
	40						2	5	T	5	T	5	T	T	T	T	T	T	T
	50							1,25	T	5	T	5	T	10	T	T	T	T	T
	63								T	1,5	T	1,5	T	5	T	T	T	T	T
	80								T		T		T	2	T	T	T	T	T
	100 (N)								T		T		T		T	T	T	T	T
	125 (N)								5		T		T		T	5	T	T	T

[1] Type of circuit breaker (1P1D, 2P2D) depend on earthing system and circuit breaker ranges.
For voltage up to 60Vdc one single pole of iC60 C120 NG125 NSX range is enough to break the current.
For ranges with 3P or 4P breakers only (NSX250 for example), one or two poles only are used of a 3P circuit breaker.

[2] According to the voltage and nb of pole used, the breaking capacity can changed.
Selectivity limit is the minimum of the value indicated in the table and the breaking capacity of downstream circuit breaker.

[3] This table is applicable for Case 1, Case 2, Case 3, Case 4 defined in introduction with this voltage between + and -.
Selectivity limits in this table for case 1 and Case 3 can also apply to system with higher voltage (up to 2 times) for the same circuit breaker (same number of poles used).

Compliancy of circuit breakers according to voltage and earthing system shall be checked before using this table.

Selectivity table

Upstream: Compact NSX400/630/1200 DC TM-DC
Downstream: Compact NSX100/160/250 DC TM-D, TM-DC, TM-G

24 - 48 - 60 V DC [3]

Time constant: 1.5 ms - 25 ms

Upstream		NSX400DC F/S						NSX630DC F/S				NSX1200DC N							
		3P3D (1 or 2 P Used) [1]										2P2D							
	Trip unit	TM-DC						TM-DC				TM-DC							
	Rating	250		320		400		500		600		630		800		1000		1200	
		min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
	Im	625	1250	800	1600	1000	2000	1250	2500	1500	3000	1575	3150	2000	4000	2500	5000	3000	6000
Downstream	**Rating**	**Im**	**Selectivity limit (kA) [2]**																
NSX100DC	16	260	0,63	1,25	0,8	1,6	1	2	1,25	2,5	1,5	3	1,5	3,1	2	4	2,5	5	3	T
TM-D	25	400		1,25	0,8	1,6	1	2	1,25	2,5	1,5	3	1,5	3,1	2	4	2,5	5	3	10
(TM-DC)	32	400				1,6	1	2	1,25	2,5	1,5	3	1,5	3,1	2	4	2,5	5	3	6
1P1D or 2P2PD	40	700				1,6	1	2	1,25	2,5	1,5	3	1,5	3,1	2	4	2,5	5	3	6
(3P3D)	50	700				1,6	1	2	1,25	2,5	1,5	3	1,5	3,1	2	4	2,5	5	3	6
[1]	63	700				1,6	1	2	1,25	2,5	1,5	3	1,5	3,1	2	4	2,5	5	3	6
	80	800					1	2		2,5		3	1,5	3,1	2	4	2,5	5	3	6
	100	1000						2		2,5		3		3,1	2	4	2,5	5	3	6
NSX100DC	16	80	0,63	1,25	0,8	1,6	1	2	1,25	2,5	1,5	3	1,5	3,1	2	4	2,5	5	3	T
TM-G	25	100	0,63	1,25	0,8	1,6	1	2	1,25	2,5	1,5	3	1,5	3,1	2	4	2,5	5	3	10
3P3P	40	100	0,63	1,25	0,8	1,6	1	2	1,25	2,5	1,5	3	1,5	3,1	2	4	2,5	5	3	6
[1]	63	150	0,63	1,25	0,8	1,6	1	2	1,25	2,5	1,5	3	1,5	3,1	2	4	2,5	5	3	6
	80	250	0,63	1,25	0,8	1,6	1	2		2,5		3	1,5	3,1	2	4	2,5	5	3	6
	100	400			0,8	1,6	1	2		2,5		3	1,5	3,1	2	4	2,5	5	3	6
NSX160DC	100	1000						2		2,5		3	1,5	3,1	2	4	2,5	5	3	6
TM-DC	125	1200								2,5		3		3,1		4	2,5	5	3	6
1P1D or 2P2PD	160	1250								2,5		3		3,1		4	2,5	5	3	6
NSX160DC	125	530								2,5	1,5	3	1,5	3,1	2	4	2,5	5	3	6
TM-G 3P3D	160	530								2,5	1,5	3	1,5	3,1	2	4	2,5	5	3	6
NSX250DC	200	1000								2,5	1,5	3	1,5	3,1	2	4	2,5	5	3	6
TM-DC		2000										3		3,1		4	2,5	5	3	6
3P3D [1]	250	1250												3,1		4	2,5	5	3	6
		2500												3,1		4		5	3	6
NSX250DC	200	530							1,25	2,5	1,5	3	1,5	3,1	2	4	2,5	5	3	6
TM-G 3P3D	250	625							1,25	2,5	1,5	3	1,5	3,1	2	4	2,5	5	3	6

[1] Type of circuit breaker (1P1D, 2P2D) depend on earthing system and circuit breaker ranges.
For voltage up to 60Vdc one single pole of iC60 C120 NG125 NSX range is enough to break the current.
For ranges with 3P or 4P breakers only (NSX250 for example), one or two poles only are used of a 3P circuit breaker.

[2] According to the voltage and nb of pole used, the breaking capacity can changed.
Selectivity limit is the minimum of the value indicated in the table and the breaking capacity of downstream circuit breaker.

[3] This table is applicable for Case 1, Case 2, Case 3, Case 4 defined in introduction with this voltage between + and -.
Selectivity limits in this table for case 1 and Case 3 can also apply to system with higher voltage (up to 2 times) for the same circuit breaker (same number of poles used).

Compliancy of circuit breakers according to voltage and earthing system shall be checked before using this table.

Selectivity table

Upstream: Masterpact NW DC
Downstream: iC60, C60H-DC, C120, NG125, Compact NSX100/160/250

24 - 48 - 60 V DC [3]

Time constant: 1.5 ms - 25 ms

Upstream			NW10DC -C N/H					NW10DC -C N/H					NW10DC -C N/H				
								NW20DC -C N/H					NW20DC -C N/H				
													NW40DC-C N/H				
			2P2D														
	Trip unit		Micrologic 1.0 DC														
			Range 1250/2500A					Range 2500/5400A					Range 5000/11000A				
	Type		A	B	C	D	E	A	B	C	D	E	A	B	C	D	E
	Setting		1250	1500	1600	2000	2500	2500	3300	4000	5000	5400	5000	8000	10000	11000	11000
Downstream	**Rating**	**Im**	**Selectivity limit (kA)** [2]														
iC60 N / H	0,5-63		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
C60H-DC	0,5-63		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
C120 N/H	63		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	80		1,25	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	100		1,25	1,5	T	T	T	T	T	T	T	T	T	T	T	T	T
	125		1,25	1,5	1,6	T	T	T	T	T	T	T	T	T	T	T	T
NG125 N/H/L	10-50		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
B-C-D Curves	63		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	80		1,25	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	100 (N)		1,25	1,5	T	T	T	T	T	T	T	T	T	T	T	T	T
	125 (N)		1,25	1,5	1,6	T	T	T	T	T	T	T	T	T	T	T	T
NSX100DC N/H	16	260	1,25	1,5	1,6	10	T	T	T	T	T	T	T	T	T	T	T
TM-D	25	400	1,25	1,5	1,6	5	10	10	T	T	T	T	T	T	T	T	T
	32	400	1,25	1,5	1,6	2	5	5	T	T	T	T	T	T	T	T	T
	40	700		1,5	1,6	2	2,5	2,5	10	T	T	T	T	T	T	T	T
	50	700		1,5	1,6	2	2,5	2,5	5	T	T	T	T	T	T	T	T
	63	700		1,5	1,6	2	2,5	2,5	3,3	T	T	T	T	T	T	T	T
TM-DC	80	800		1,5	1,6	2	2,5	2,5	3,3	4	T	T	T	T	T	T	T
	100	1000				2	2,5	2,5	3,3	4	5	T	T	T	T	T	T
NSX100DC	16	80	1,25	1,5	1,6	10	T	T	T	T	T	T	T	T	T	T	T
TM-G	25	100	1,25	1,5	1,6	5	10	10	T	T	T	T	T	T	T	T	T
	40	100		1,5	1,6	2	2,5	2,5	10	T	T	T	T	T	T	T	T
	63	150		1,5	1,6	2	2,5	2,5	3,3	T	T	T	T	T	T	T	T
	80	250		1,5	1,6	2	2,5	2,5	3,3	4	T	T	T	T	T	T	T
	100	400				2	2,5	2,5	3,3	4	5	T	T	T	T	T	T
NSX160DC	100	1000				2	2,5	2,5	5	T	T	T	T	T	T	T	T
TM-DC	125	1200					2,5	2,5	3,3	10	T	T	T	T	T	T	T
	160	1250					2,5	2,5	3,3	5	10	T	T	T	T	T	T
NSX160DC	125	530	1,25	1,5	1,6	2	2,5	2,5	3,3	10	T	T	T	T	T	T	T
TM-G	160	530	1,25	1,5	1,6	2	2,5	2,5	3,3	5	10	T	T	T	T	T	T
NSX250DC	200	1000				2	2,5	2,5	5	T	T	T	T	T	T	T	T
TM-DC		2000								5	T	T	T	T	T	T	T
	250	1250					2,5	2,5	3,3	5	10	T	T	T	T	T	T
		2500						2,5	3,3	4	5	T	T	T	T	T	T
NSX250DC	200	530	1,25	1,5	1,6	2	2,5	2,5	5	T	T	T	T	T	T	T	T
TM-G	250	625		1,5	1,6	2	2,5	2,5	3,3	5	10	T	T	T	T	T	T

[1] Type of circuit breaker (1P1D, 2P2D) depend on earthing system and circuit breaker ranges.
For voltage up to 60Vdc one single pole of iC60 C120 NG125 NSX range is enough to break the current.
For ranges with 3P or 4P breakers only (NSX250 for example), one or two poles only are used of a 3P circuit breaker.

[2] According to the voltage and nb of pole used, the breaking capacity can changed.
Selectivity limit is the minimum of the value indicated in the table and the breaking capacity of downstream circuit breaker.

[3] This table is applicable for Case 1, Case 2, Case 3, Case 4 defined in introduction with this voltage between + and -.
Selectivity limits in this table for case 1 and Case 3 can also apply to system with higher voltage (up to 2 times) for the same circuit breaker (same number of poles used).

Compliancy of circuit breakers according to voltage and earthing system shall be checked before using this table.

Selectivity table

Upstream: Masterpact NW DC
Downstream: Compact NSX400/630/1200 DC, Masterpact NW DC

24 - 48 - 60 V DC [3]

Time constant: 1.5 ms - 25 ms

Upstream			NW10DC -C N/H					NW10DC -C N/H					NW10DC -C N/H				
								NW20DC -C N/H					NW20DC -C N/H				
													NW40DC-C N/H				
			2P2D														
	Trip unit		Micrologic 1.0 DC														
			Range 1250/2500A					Range 2500/5400A					Range 5000/11000A				
			A	B	C	D	E	A	B	C	D	E	A	B	C	D	E
	Setting		1250	1500	1600	2000	2500	2500	3300	4000	5000	5400	5000	8000	10000	11000	11000
Downstream	**Rating**	**Im**	**Selectivity limit (kA) [2]**														
NSX400DC	250	635	1,25	1,5	1,6	2	2,5	2,5	3,3	4	5	5,4	5	T	T	T	T
TM-DC		1250					2,5	2,5	3,3	4	5	5,4	5	T	T	T	T
3P3D [1]	320	800			1,6	2	2,5	2,5	3,3	4	5	5,4	5	T	T	T	T
		1600							3,3	4	5	5,4	5	10	T	T	T
	400	1000				2	2,5	2,5	3,3	4	5	5,4	5	10	T	T	T
		2000								4	5	5,4	5	10	T	T	T
NSX630DC	500	1250						2,5	3,3	4	5	5,4	5	T	T	T	T
TM-DC		2500									5	5,4	5	10	T	T	T
3P3D [1]	600	1500							3,3	4	5	5,4	5	10	T	T	T
		3000												10	T	T	T
NSX1200DC	630	1575							3,3	4	5	5,4	5	8	10	11	11
TM-DC		3150												8	10	11	11
3P3D [1]	800	2000								4	5	5,4	5	8	10	11	11
		4000												8	10	11	11
	1000	2500											5	8	10	11	11
		5000													10	11	11
	1200	3000												8	10	11	11
		6000														11	11
NW DC-C	1000	1250							3,3	4	5	5,4	5	8	10	11	11
		2500									5	5,4	5	8	10	11	11
	1000/2000	2500									5	5,4	5	8	10	11	11
		5400													10	11	11
	1000/2000/4000	5000													10	11	11
		11000															

[1] Type of circuit breaker (1P1D, 2P2D) depend on earthing system and circuit breaker ranges.
For voltage up to 60Vdc one single pole of iC60 C120 NG125 NSX range is enough to break the current.
For ranges with 3P or 4P breakers only (NSX250 for example), one or two poles only are used of a 3P circuit breaker.

[2] According to the voltage and nb of pole used, the breaking capacity can changed.
Selectivity limit is the minimum of the value indicated in the table and the breaking capacity of downstream circuit breaker.

[3] This table is applicable for Case 1, Case 2, Case 3, Case 4 defined in introduction with this voltage between + and -.
Selectivity limits in this table for case 1 and Case 3 can also apply to system with higher voltage (up to 2 times) for the same circuit breaker (same number of poles used).

Compliancy of circuit breakers according to voltage and earthing system shall be checked before using this table.

Selectivity table

Upstream: C60H-DC curve C
Downstream: C60H-DC curve C

110, 125 V DC [3]

Time constant: 1.5 ms - 25 ms

Upstream			C60H-DC, 1P or 2P [1]												
			Curve C												
In (A)			1	2	3	4	6	10	16	20	25	32	40	50	63
Downstream															
Circuit breaker	**Curve**	**Rating (A)**	**Selectivity limit (A) [2]**												
C60H-DC 1P or 2P [1]	**C**	0.5	T	T	T	T	T	T	T	T	T	T	T	T	T
		1					250	T	T	T	T	T	T	T	T
		2						250	900	1800	11000	T	T	T	T
		3							300	500	700	1800	5000	T	T
		4										900	1300	3000	6000
		6												1200	1800
		≥ 10													

[1] Type of circuit breaker (1P1D, 2P2D) depend on earthing system and circuit breaker ranges.
For voltage up to 60Vdc one single pole of iC60 C120 NG125 NSX range is enough to break the current.
For ranges with 3P or 4P breakers only (NSX250 for example), one or two poles only are used of a 3P circuit breaker.

[2] According to the voltage and nb of pole used, the breaking capacity can changed.
Selectivity limit is the minimum of the value indicated in the table and the breaking capacity of downstream circuit breaker.

[3] This table is applicable for Case 1, Case 2, Case 3, Case 4 defined in introduction with this voltage between + and -.
Selectivity limits in this table for case 1 and Case 3 can also apply to system with higher voltage (up to 2 times) for the same circuit breaker (same number of poles used).

Compliancy of circuit breakers according to voltage and earthing system shall be checked before using this table.

T : Total selectivity.

500 : Selectivity limit = 500 A

: No selectivity.

Selectivity table

Upstream: C120, NG125 curves B, C, D
Downstream: C60H-DC curve C

110, 125 V DC [3]

Time constant: 1.5 ms - 25 ms

Upstream			C120N/H/L, NG125N/H/L, 1P or 2P [1]										
			Curve B										
In (A)			10	16	20	25	32	40	50	63	80	100	125
Downstream													
Circuit breaker	**Curve**	**Rating (A)**	**Selectivity limit (A)** [2]										
C60H-DC	**C**	0.5	500	T	T	T	T	T	T	T	T	T	T
1P or 2P [1]		1		450	T	T	T	T	T	T	T	T	T
		2			500	800	2500	T	T	T	T	T	T
		3						2400	4000	5000	T	T	T
		4						800	1000	1500	5000	T	T
		6									1800	3000	7000
		10										1500	3500
		16											2500
		≥ 20											

Upstream			C120N/H/L, NG125N/H/L, 1P or 2P [1]										
			Curve C										
In (A)			10	16	20	25	32	40	50	63	80	100	125
Downstream													
Circuit breaker	**Curve**	**Rating (A)**	**Selectivity limit (A)** [2]										
C60H-DC	**C**	0.5	T	T	T	T	T	T	T	T	T	T	T
1P or 2P [1]		1	1000	T	T	T	T	T	T	T	T	T	T
		2		5000	T	T	T	T	T	T	T	T	T
		3			1800	T	T	T	T	T	T	T	T
		4				1300	5500	12000	T	T	T	T	T
		6					2400	3000	6000	7000	12000	T	T
		10								3500	5500	8500	T
		16										5500	9000
		20											6000
		25											5000
		≥ 32											

Upstream			C120N/H/L, NG125N/H/L, 1P or 2P [1]										
			Curve D										
In (A)			10	16	20	25	32	40	50	63	80	100	125
Downstream													
Circuit breaker	**Curve**	**Rating (A)**	**Selectivity limit (A)** [2]										
C60H-DC	**C**	≤ 1	T	T	T	T	T	T	T	T	T	T	T
1P or 2P [1]		2	2500	6000	T	T	T	T	T	T	T	T	T
		3	700	1500	7000	T	T	T	T	T	T	T	T
		4			1800	10000	12000	T	T	T	T	T	T
		6				2500	3000	4000	6000	7000	T	T	T
		10							2000	3000	T	T	T
		16									9000	T	T
		20									5000	T	T
		25										10000	T
		32										5000	12000
		40											6000
		≥ 50											

[1] Type of circuit breaker depend on earthing system and circuit breaker ranges (see Distribution guide direct current CA908061).
[2] According to the voltage and number of pole used, the breaking capacity can changed. Selectivity limit is the minimum of the value indicated in the table and the breaking capacity of downstream circuit breaker.
[3] This table is applicable for Case 1, Case 2, Case 3, Case 4 defined in introduction with this voltage between + and - Selectivity limits in this table for Case 3 and Case 4 can also apply to system with higher voltage (up to 2 times) for the same circuit breaker (same number of poles used).

Compliancy of circuit breakers according to voltage and earthing system shall be checked before using this table.

T : Total selectivity.

500 : Selectivity limit = 500 A

: No selectivity.

Selectivity table

Upstream: Compact NSX100/160/250 DC TM-DC
Downstream: iC60, C60H-DC, C120, NG125

110 - 125V DC [3]

Time constant: 1.5 ms - 25 ms

Upstream		NSX100DC								NSX160DC			NSX250 DC				
		1P1D 2P2D F/N/M/S 3P3D F/S [1]											3P3D (1 or 2 P used) F/S [1]				
	Trip unit	TMD, TM-DC								TMD, TM-DC			TM-DC				
	Rating	16	25	32	40	50	63	80	100	100	125	160	160	200		250	
	Im	fixe	fixe	fixe	fixe	fixe	fixe	fixe	fixe	fixe	fixe	fixe	fixe	Mini	Maxi	Mini	Maxi
		260	400	550	700	700	700	800	800	800	1250	1250	1250	1000	2000	1250	2500
Downstream	**Rating**	**Selectivity limit (kA)** [2]															
iC60 N/H/L	0,5	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
B-C-D Curves	1	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	2	10	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	3	5	10	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	4	0,26	5	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	5		0,4	10	10	T	T	T	T	T	T	T	T	T	T	T	T
	6			5	5	10	T	T	T	T	T	T	T	T	T	T	T
	10			0,55	0,7	5	T	T	T	T	T	T	T	T	T	T	T
2x (1P1D or 2P2D) [1]	13					0,7	T	T	T	T	T	T	T	T	T	T	T
(2 Poles in serie)	15-16						5	T	T	T	T	T	T	T	T	T	T
	20						0,7	10	10	10	T	T	T	T	T	T	T
	25							5	10	10	T	T	T	T	T	T	T
	32							0,8	10	10	T	T	T	10	T	T	T
	40								5	5	10	T	T	5	T	T	T
	50								0,8	0,8	10	10	10		T	10	T
	63										5	10	5		T	5	T
C60H-DC	0,5	5	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
C Curves	1	5	10	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	2	0,26	5	10	T	T	T	T	T	T	T	T	T	T	T	T	T
1P1D or 2P2D [1]	3		0,4	5	10	T	T	T	T	T	T	T	T	T	T	T	T
	4			0,5	5	10	T	T	T	T	T	T	T	T	T	T	T
	5				0,7	5	T	T	T	T	T	T	T	T	T	T	T
	6					5	10	T	T	T	T	T	T	T	T	T	T
	10					0,7	5	10	T	T	T	T	T	T	T	T	T
	13						0,7	5	10	10	T	T	T	T	T	T	T
	15-16							0,8	10	10	T	T	T	10	T	T	T
	20								5	5	T	T	T	5	T	T	T
	25								0,8	0,8	10	T	T	0,8	T	T	T
	30-32										5	10	10		T	10	T
	40											5	5		T	5	T
	50														10		10
	63														5		5
C120 N/H	63											1,25	1,25		5	10	T
B-C-D Curves	80														2		T
1P1D or 2P2D [1]	100														2		T
	125																T
NG125 N/H/L	10		0,4	0,5	0,7	0,7	0,7	0,8	0,8	0,8	10	10	10	5	T	T	T
B-C-D Curves	16			0,5	0,7	0,7	0,7	0,8	0,8	0,8	10	10	10	1	T	T	T
1P1D or 2P2D [1]	20				0,7	0,7	0,7	0,8	0,8	0,8	10	10	10	1	T	T	T
	25						0,7	0,8	0,8	0,8	5	10	10	1	T	T	T
	32							0,8	0,8	0,8	1,25	5	5	1	T	T	T
	40								0,8	0,8	1,25	1,25	1,25	1	10	T	T
	50										1,25	1,25	1,25	1	5	T	T
	63											1,25	1,25		5	10	T
	80														2		T
	100 (N)														2		T
	125 (N)																T

[1] Type of circuit breaker (1P1D, 2P2D) depend on earthing system and circuit breaker ranges.
For voltage up to 60Vdc one single pole of iC60 C120 NG125 NSX range is enough to break the current.
For ranges with 3P or 4P breakers only (NSX250 for example), one or two poles only are used of a 3P circuit breaker.

[2] According to the voltage and nb of pole used, the breaking capacity can changed.
Selectivity limit is the minimum of the value indicated in the table and the breaking capacity of downstream circuit breaker.

[3] This table is applicable for Case 1, Case 2, Case 3, Case 4 defined in introduction with this voltage between + and -.
Selectivity limits in this table for case 1 and Case 3 can also apply to system with higher voltage (up to 2 times) for the same circuit breaker (same number of poles used).

Compliancy of circuit breakers according to voltage and earthing system shall be checked before using this table.

Selectivity table

Upstream: Compact NSX100/160/250 DC with parallel connection of poles
Downstream: iC60, C60H-DC, C120, NG125

110 - 125V DC [3]

Time constant: 1.5 ms - 25 ms

Upstream		NSX 100DC F			NSX 160DC F	NSX 250 DC F			NSX 100DC F			NSX 160DC F	NSX 250 DC F		
		2P2D				3P3D 2P used			4P4D						
		Parallel connection for + or -				Parallel connection for + or -			2 poles with parallel connection for + and - [2]						
	Trip unit	TM-D, TM-DC				TM-DC			TM-D, TM-DC				TM-DC		
	Rating	50	63	80	125	160	200		50	63	80	125	160	200	
	Equivalent rated current	125	158	200	313	400	500		115	145	184	288	368	460	
	Im	fixe	fixe	fixe	fixe	fixe	Mini	Maxi	fixe	fixe	fixe	fixe	fixe	Mini	Maxi
		1400	1400	1600	2500	2500	2000	4000	1400	1400	1600	2500	2500	2000	4000
Downstream	**Rating**	**Selectivity limit (kA)** [2]													
iC60 N/H/L	0,5	T	T	T	T	T	T	T	T	T	T	T	T	T	T
B-C-D Curves	1	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	2	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	3	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	4	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	5	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	6	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	10	T	T	T	T	T	T	T	T	T	T	T	T	T	T
2x (1P1D or 2P2D) [1]	13	T	T	T	T	T	T	T	T	T	T	T	T	T	T
(2 Poles in serie)	15-16	T	T	T	T	T	T	T	v	T	T	T	T	T	T
	20	10	T	T	T	T	T	T	10	T	T	T	T	T	T
	25	5	T	T	T	T	T	T	5	T	T	T	T	T	T
	32	0,8	T	T	T	T	T	T	0,8	T	T	T	T	T	T
	40		10	T	T	T	T	T		10	T	T	T	T	T
	50		10	10	T	T	10	T		10	10	T	T	10	T
	63		5	10	T	T	5	T		5	10	T	T	5	T
C60H-DC	0,5	T	T	T	T	T	T	T	T	T	T	T	T	T	T
C Curves	1	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	2	T	T	T	T	T	T	T	T	T	T	T	T	T	T
1P1D or 2P2D [1]	3	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	4	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	5	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	6	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	10	10	T	T	T	T	T	T	10	T	T	T	T	T	T
	13	5	T	T	T	T	T	T	5	T	T	T	T	T	T
	15-16	0,8	T	T	T	T	T	T	0,8	T	T	T	T	T	T
	20		T	T	T	T	T	T		T	T	T	T	T	T
	25		10	T	T	T	T	T		10	T	T	T	T	T
	30-32		5	10	T	T	10	T		5	10	T	T	10	T
	40			5	T	T	5	T			5	T	T	5	T
	50				10	T		T				10	T		T
	63				5	T		T				5	T		T
C120 N/H	63			1,25	T	T	10	T			1,25	T	T	10	T
B-C-D Curves	80				T	T		T				T	T		T
1P1D or 2P2D [1]	100				T	T		T				T	T		T
	125				T	T		T				T	T		T
NG125 N/H/L	10	0,8	10	10	T	T	T	T	0,8	10	10	T	T	T	T
B-C-D Curves	16	0,8	10	10	T	T	T	T	0,8	10	10	T	T	T	T
1P1D or 2P2D [1]	20	0,8	10	10	T	T	T	T	0,8	10	10	T	T	T	T
	25	0,8	5	10	T	T	T	T	0,8	5	10	T	T	T	T
	32	0,8	1,25	5	T	T	T	T	0,8	1,25	5	T	T	T	T
	40		1,25	1,25	T	T	T	T		1,25	1,25	T	T	T	T
	50		1,25	1,25	T	T	T	T		1,25	1,25	T	T	T	T
	63			1,25	T	T	10	T			1,25	T	T	10	T
	80				T	T		T				T	T		T
	100 (N)				T	T		T				T	T		T
	125 (N)				T	T		T				T	T		T

[1] Type of circuit breaker (1P1D, 2P2D) depend on earthing system and circuit breaker ranges.
For voltage up to 60Vdc one single pole of iC60 C120 NG125 NSX range is enough to break the current.
For ranges with 3P or 4P breakers only (NSX250 for example), one or two poles only are used of a 3P circuit breaker.

[2] According to the voltage and nb of pole used, the breaking capacity can changed.
Selectivity limit is the minimum of the value indicated in the table and the breaking capacity of downstream circuit breaker.

[3] This table is applicable for Case 1, Case 2, Case 3, Case 4 defined in introduction with this voltage between + and -.
Selectivity limits in this table for case 1 and Case 3 can also apply to system with higher voltage (up to 2 times) for the same circuit breaker (same number of poles used).

Compliancy of circuit breakers according to voltage and earthing system shall be checked before using this table.

Selectivity table

Upstream: Compact NSX100/160/250DC TM-G
Downstream: iC60, C60H-DC, NG125

110 - 125V DC [3]

Time constant: 1.5 ms - 25 ms

Upstream			NSX100DC						NSX160DC			NSX250 DC		
			3P3D (1 or 2 P used) F/S [1]											
		Trip unit	TM-G						TM-G			TM-G		
		Rating	16	25	40	63	80	100	100	125	160	160	200	250
		Im	80	100	100	150	250	400	400	530	530	530	530	625
Downstream	**In**	**Im**	**Selectivity limit (kA)** [2]											
iC60 N/H/L	0,5		10	10	10	T	T	T	T	T	T	T	T	T
B-C-D Curves	1		5	5	5	T	T	T	T	T	T	T	T	T
	2		0,08	0,1	0,1	10	T	T	T	T	T	T	T	T
	3				0,1	5	10	T	T	T	T	T	T	T
	4					0,15	5	10	10	T	T	T	T	T
2x(1P1D or 2P2D)	5						0,25	5	5	T	T	T	T	T
[1]	6							0,4	0,4	T	T	T	T	T
(2 Poles in serie)	10									10	10	10	10	T
	13									5	5	5	5	10
	15-16									5	5	5	5	5
	20									5	5	5	5	5
	25									0,5	0,5	0,5	0,5	5
	32													0,6
	40													
	50													
	63													
C60H-DC	0,5		5	5	5	10	T	T	T	T	T	T	T	T
C Curves	1		0,08	0,1	0,1	5	10	T	T	T	T	T	T	T
1P1D or 2P2D	2			0,1	0,1	0,15	5	10	10	T	T	T	T	T
[1]	3				0,1	0,15	0,25	5	5	T	T	T	T	T
	4					0,15	0,25	0,4	0,4	T	T	T	T	T
	5						0,25	0,4	0,4	T	T	T	T	T
	6							0,4	0,4	10	10	10	10	T
	10									10	10	10	10	10
	13									5	5	5	5	10
	15-16									0,5	0,5	0,5	0,5	5
	20									0,5	0,5	0,5	0,5	0,6
	25										0,5	0,5	0,5	0,6
	30-32													0,6
	40													
	50													
	63													
NG125 N/H/L	10						0,25	0,4	0,4	0,5	0,5	0,5	0,5	0,6
B-C-D Curves	16							0,4	0,5	0,5	0,5	0,5	0,5	0,6
1P1D or 2P2D	20									0,5	0,5	0,5	0,5	0,6
[1]	25													0,6
	32													
	40													

[1] Type of circuit breaker (1P1D, 2P2D) depend on earthing system and circuit breaker ranges.
For voltage up to 60Vdc one single pole of iC60 C120 NG125 NSX range is enough to break the current.
For ranges with 3P or 4P breakers only (NSX250 for example), one or two poles only are used of a 3P circuit breaker.

[2] According to the voltage and nb of pole used, the breaking capacity can changed.
Selectivity limit is the minimum of the value indicated in the table and the breaking capacity of downstream circuit breaker.

[3] This table is applicable for Case 1, Case 2, Case 3, Case 4 defined in introduction with this voltage between + and -.
Selectivity limits in this table for case 1 and Case 3 can also apply to system with higher voltage (up to 2 times) for the same circuit breaker (same number of poles used).

Compliancy of circuit breakers according to voltage and earthing system shall be checked before using this table.

Selectivity table

Upstream: Compact NSX100/160/250 DC TM-D, TM-DC
Downstream: Compact NSX100/160 DC TM-D, TM-DC, TM-G

110 - 125V DC [3]

Time constant: 1.5 ms - 25 ms

Upstream		NSX100 DC								NSX160 DC				NSX250 DC				
	Trip unit	1P1D 2P2D F/N/M/S (3P3D F/S) [1]												3P3D (1 or 2 P Used) F/S [1]				
		TM-D								TM-D, TM-DC				TM-DC				
	Rating	16	25	32	40	50	63	80	100	80	100	125	160	160	200		250	
	Im	fixe	fixe	fixe	fixe	fixe	fixe	fixe	fixe	fixe	fixe	fixe	fixe	fixe	Mini	Maxi	Mini	Maxi
		260	400	550	700	700	700	640	800	640	800	1250	1250	1250	1000	2000	1250	2500
Downstream	**Rating**	**Im**	**Selectivity limit (kA) [2]**															
NSX100DC	16	260			0,5	0,7	0,7	0,7	0,7	0,8	0,7	0,8	1,25	1,25	1,25	1	2	1,25	5
TM-D	25	400				0,7	0,7	0,7	0,7	0,8	0,7	0,8	1,25	1,25	1,25	1	2	1,25	5
(TM-DC)	32	400						0,7	0,7	0,8	0,7	0,8	1,25	1,25	1,25	1	2	1,25	5
1P1D or 2P2PD	40	700							0,7	0,8	0,7	0,8	1,25	1,25	1,25	1	2	1,25	2,5
(3P3D)	50	700							0,7	0,8	0,7	0,8	1,25	1,25	1,25	1	2	1,25	2,5
[1]	63	700								0,8		0,8	1,25	1,25	1,25	1	2	1,25	2,5
	80	800											1,25	1,25	1,25	1	2	1,25	2,5
	100	1000											1,25	1,25	1,25	1	2	1,25	2,5
NSX100DC	16	80			0,5	0,7	0,7	0,7	0,7	0,8	0,7	0,8	1,25	1,25	1,25	1	2	1,25	10
TM-G	25	100				0,7	0,7	0,7	0,7	0,8	0,7	0,8	1,25	1,25	1,25	1	2	1,25	5
3P3D	40	100							0,7	0,8	0,7	0,8	1,25	1,25	1,25	1	2	1,25	5
[1]	63	150							0,7	0,8		0,8	1,25	1,25	1,25	1	2	1,25	5
	80	250								0,8			1,25	1,25	1,25	1	2	1,25	2,5
	100	400											1,25	1,25	1,25	1	2	1,25	2,5
NSX160DC	100	1000											1,25	1,25	1,25	1	2	1,25	2,5
1P1D or 2P2D	125	1200																1,25	2,5
3P2D [1]	160	1250																	
NSX160DC	125	530																1,25	2,5
TM-G 3P3D [1]	160	530																	

[1] Type of circuit breaker (1P1D, 2P2D) depend on earthing system and circuit breaker ranges.
For voltage up to 60Vdc one single pole of iC60 C120 NG125 NSX range is enough to break the current.
For ranges with 3P or 4P breakers only (NSX250 for example), one or two poles only are used of a 3P circuit breaker.

[2] According to the voltage and nb of pole used, the breaking capacity can changed.
Selectivity limit is the minimum of the value indicated in the table and the breaking capacity of downstream circuit breaker.

[3] This table is applicable for Case 1, Case 2, Case 3, Case 4 defined in introduction with this voltage between + and -.
Selectivity limits in this table for case 1 and Case 3 can also apply to system with higher voltage (up to 2 times) for the same circuit breaker (same number of poles used).

Compliancy of circuit breakers according to voltage and earthing system shall be checked before using this table.

Selectivity table

Upstream: Compact NSX400/630/1200 DC TM-DC
Downstream: iC60, C60H-DC, C120, NG125

110 - 125V DC [3]

Time constant: 1.5 ms - 25 ms

Upstream			NSX400DC F/S						NSX630DC F/S				NSX1200DC N							
			3P3D (1 or 2 P Used) [1]										2P2D							
		Trip unit	TM-DC						TM-DC				TM-DC							
		Rating	250		320		400		500		600		630		800		1000		1200	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Downstream	In	Im	625	1250	800	1600	1000	2000	1250	2500	1500	3000	1575	3150	2000	4000	2500	5000	3000	6000

Downstream	Rating Im	Selectivity limit (kA) [2]																	
iC60 N/H/L	0,5	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
B-C-D Curves	1	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	2	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	3	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	4	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
2x (1P1D or 2P2D)	5	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
[1]	6	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
(2 Poles in serie)	10	10	T	10	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	13	5	T	10	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	15-16	0,6	T	5	T	10	T	T	T	T	T	T	T	T	T	T	T	T	T
	20		10	5	T	5	T	T	T	T	T	T	T	T	T	T	T	T	T
	25		5	0,8	10	5	T	T	T	T	T	T	T	T	T	T	T	T	T
	32		1,25	0,8	10	1	10	T	T	T	T	T	T	T	T	T	T	T	T
	40				10		10	T	T	T	T	T	T	T	T	T	T	T	T
	50				5		5	T	T	T	T	T	T	T	T	T	T	T	T
	63				5		2	T	T	T	T	T	T	T	T	T	T	T	T
C60H-DC	0,5	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
C curve	1	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
1P1D or 2P2D	2	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
[1]	3	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	4	15	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	5	10	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	6	5	T	15	T	15	T	T	T	T	T	T	T	T	T	T	T	T	T
	10	0,6	T	10	T	10	T	T	T	T	T	T	T	T	T	T	T	T	T
	13		15	5	T	5	T	T	T	T	T	T	T	T	T	T	T	T	T
	15-16		5	0,8	15	5	15	T	T	T	T	T	T	T	T	T	T	T	T
	20		1,25		10	5	10	T	T	T	T	T	T	T	T	T	T	T	T
	25				10	1	10	T	T	T	T	T	T	T	T	T	T	T	T
	30-32				5	1	10	T	T	T	T	T	T	T	T	T	T	T	T
	40				5	1	5	T	T	T	T	T	T	T	T	T	T	T	T
	50				5	1	5	10	T	T	T	T	T	T	T	T	T	T	T
	63				5	1	5	10	T	T	T	T	T	T	T	T	T	T	T
C120 N/H	63								T		T		T		T	2,5	T	T	T
B-C-D Curves	80								5		T		T		T		T	T	T
1P1D or 2P2D	100 (N)								5		10		10		10		T	T	T
[1]	125 (N)								5		5		5		5		T	T	T
NG125 N/H/L	10	0,625	1,25	0,8	1,6	1	5	T	T	10	T	10	T	T	T	T	T	T	T
B-C-D Curves	16				1,6	1	2	5	T	5	T	5	T	T	T	T	T	T	T
1P1D or 2P2D	20						2	1,25	T	1,5	T	1,5	T	T	T	T	T	T	T
[1]	25								T		T		T	10	T	T	T	T	T
	32								T		T		T	5	T	10	T	T	T
	40								T		T		T	2	T	5	T	T	T
	50								T		T		T	2	T	2,5	T	T	T
	63								T		T		T		T	2,5	T	T	T
	80								5		T		T		T		T	T	T
	100 (N)								5		10		10		10		T	T	T
	125 (N)								5		5		5		5		T	T	T

[1] Type of circuit breaker (1P1D, 2P2D) depend on earthing system and circuit breaker ranges.
For voltage up to 60Vdc one single pole of iC60 C120 NG125 NSX range is enough to break the current.
For ranges with 3P or 4P breakers only (NSX250 for example), one or two poles only are used of a 3P circuit breaker.

[2] According to the voltage and nb of pole used, the breaking capacity can changed.
Selectivity limit is the minimum of the value indicated in the table and the breaking capacity of downstream circuit breaker.

[3] This table is applicable for Case 1, Case 2, Case 3, Case 4 defined in introduction with this voltage between + and -.
Selectivity limits in this table for case 1 and Case 3 can also apply to system with higher voltage (up to 2 times) for the same circuit breaker (same number of poles used).

Compliancy of circuit breakers according to voltage and earthing system shall be checked before using this table.

Selectivity table

Upstream: Compact NSX400/630/1200 DC TM-DC
Downstream: Compact NSX100/160/250 DC, TM-D, TM-DC, TM-G

110 - 125V DC [3]

Time constant: 1.5 ms - 25 ms

Upstream			NSX400DC F/S						NSX630DC F/S				NSX1200DC N							
		Trip unit	TM-DC						TM-DC				TM-DC							
		Rating	250		320		400		500		600		630		800		1000		1200	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
		Im	625	1250	800	1600	1000	2000	1250	2500	1500	3000	1575	3150	2000	4000	2500	5000	3000	6000
Downstream	**Rating**		**Selectivity limit (kA)** [2]																	
NSX100DC	16	260	0,63	1,25	0,8	1,6	1	2	1,25	2,5	1,5	3	1,5	3,1	2	4	2,5	5	3	T
TM-D	25	400	0,63	1,25	0,8	1,6	1	2	1,25	2,5	1,5	3	1,5	3,1	2	4	2,5	5	3	10
(TM-DC)	32	400		1,25	0,8	1,6	1	2	1,25	2,5	1,5	3	1,5	3,1	2	4	2,5	5	3	6
1P1D or 2P2PD	40	700			0,8	1,6	1	2	1,25	2,5	1,5	3	1,5	3,1	2	4	2,5	5	3	6
(3P3D)	50	700				1,6	1	2	1,25	2,5	1,5	3	1,5	3,1	2	4	2,5	5	3	6
[1]	63	700					1	2	1,25	2,5	1,5	3	1,5	3,1	2	4	2,5	5	3	6
	80	800						2		2,5		3	1,5	3,1	2	4	2,5	5	3	6
	100	1000						2		2,5		3		3,1	2	4	2,5	5	3	6
NSX100DC	16	80	0,63	1,25	0,8	1,6	1	2	1,25	2,5	1,5	3	1,5	3,1	2	4	2,5	5	3	T
TM-G	25	100	0,63	1,25	0,8	1,6	1	2	1,25	2,5	1,5	3	1,5	3,1	2	4	2,5	5	3	10
3P3P	40	100			0,8	1,6	1	2	1,25	2,5	1,5	3	1,5	3,1	2	4	2,5	5	3	6
[1]	63	150					1	2	1,25	2,5	1,5	3	1,5	3,1	2	4	2,5	5	3	6
	80	250						2		2,5		3	1,5	3,1	2	4	2,5	5	3	6
	100	400						2		2,5		3	1,5	3,1	2	4	2,5	5	3	6
NSX160DC	100	1000						2		2,5		3	1,5	3,1	2	4	2,5	5	3	6
TM-DC	125	1200								2,5		3		3,1		4	2,5	4	3	6
1P1D or 2P2PD	160	1250								2,5		3		3,1		4	2,5	4	3	6
NSX160DC	125	530								2,5	1,5	3	1,5	3,1	2	4	2,5	4	3	6
TM-G 3P3D	160	530								2,5	1,5	3	1,5	3,1	2	4	2,5	4	3	6
NSX250DC	200	1000								2,5	1,5	3	1,5	3,1	2	4	2,5	4	3	6
TM-DC		2000										3		3,1		4	2,5	4	3	6
3P3D [1]	250	1250												3,1		4	2,5	4	3	6
		2500												3,1		4		4	3	6
NSX250DC	200	530							1,25	2,5	1,5	3	1,5	3,1	2	4	2,5	4	3	6
TM-G 3P3D	250	625							1,25	2,5	1,5	3	1,5	3,1	2	4	2,5	4	3	6

[1] Type of circuit breaker (1P1D, 2P2D) depend on earthing system and circuit breaker ranges.
For voltage up to 60Vdc one single pole of iC60 C120 NG125 NSX range is enough to break the current.
For ranges with 3P or 4P breakers only (NSX250 for example), one or two poles only are used of a 3P circuit breaker.

[2] According to the voltage and nb of pole used, the breaking capacity can changed.
Selectivity limit is the minimum of the value indicated in the table and the breaking capacity of downstream circuit breaker.

[3] This table is applicable for Case 1, Case 2, Case 3, Case 4 defined in introduction with this voltage between + and -.
Selectivity limits in this table for case 1 and Case 3 can also apply to system with higher voltage (up to 2 times) for the same circuit breaker (same number of poles used).

Compliancy of circuit breakers according to voltage and earthing system shall be checked before using this table.

Selectivity table

Upstream: Masterpact NW DC
Downstream: iC60, C60H-DC, C120, NG125, Compact NSX100/160/250

110 - 125V DC [3]

Time constant: 1.5 ms - 25 ms

Upstream			NW10DC -C N/H					NW10DC -C N/H					NW10DC -C N/H				
								NW20DC -C N/H					NW20DC -C N/H				
													NW40DC-C N/H				
			2P2D														
	Trip unit		Micrologic 1.0 DC														
			Range 1250/2500A					Range 2500/5400A					Range 5000/11000A				
	Type		A	B	C	D	E	A	B	C	D	E	A	B	C	D	E
	Setting		1250	1500	1600	2000	2500	2500	3300	4000	5000	5400	5kA	8kA	10kA	11kA	11kA
Downstream	**Rating**	**Im**	**Selectivity limit (kA)** [2]														
iC60 N/H/L 2x (1P1D or 2P2D) [1]	0,5-63		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
C60H-DC [1]	0,5-63		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
C120 N/H	63		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
1P1D or 2P2D	80		1,25	T	T	T	T	T	T	T	T	T	T	T	T	T	T
[1]	100		1,25	1,5	T	T	T	T	T	T	T	T	T	T	T	T	T
	125		1,25	1,5	1,6	T	T	T	T	T	T	T	T	T	T	T	T
NG125 N/H/L	10-50		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
B-C-D Curves	63		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
1P1D or 2P2D	80		1,25	T	T	T	T	T	T	T	T	T	T	T	T	T	T
[1]	100 (N)		1,25	1,5	T	T	T	T	T	T	T	T	T	T	T	T	T
	125 N)		1,25	1,5	1,6	T	T	T	T	T	T	T	T	T	T	T	T
NSX100DC N/H	16	260	1,25	1,5	1,6	10	T	T	T	T	T	T	T	T	T	T	T
TM-D	25	400	1,25	1,5	1,6	5	10	10	T	T	T	T	T	T	T	T	T
	32	400	1,25	1,5	1,6	2	5	5	T	T	T	T	T	T	T	T	T
	40	700		1,5	1,6	2	2,5	2,5	10	T	T	T	T	T	T	T	T
	50	700		1,5	1,6	2	2,5	2,5	5	T	T	T	T	T	T	T	T
	63	700		1,5	1,6	2	2,5	2,5	3,3	T	T	T	T	T	T	T	T
TM-DC	80	800		1,5	1,6	2	2,5	2,5	3,3	4	T	T	T	T	T	T	T
	100	1000				2	2,5	2,5	3,3	4	5	T	T	T	T	T	T
NSX100DC	16	80	1,25	1,5	1,6	10	T	T	T	T	T	T	T	T	T	T	T
TM-G	25	100	1,25	1,5	1,6	5	10	10	T	T	T	T	T	T	T	T	T
	40	100		1,5	1,6	2	2,5	2,5	10	T	T	T	T	T	T	T	T
	63	150		1,5	1,6	2	2,5	2,5	3,3	T	T	T	T	T	T	T	T
	80	250		1,5	1,6	2	2,5	2,5	3,3	4	T	T	T	T	T	T	T
	100	400				2	2,5	2,5	3,3	4	5	T	T	T	T	T	T
NSX160DC	100	1000				2	2,5	2,5	5	T	T	T	T	T	T	T	T
TM-DC	125	1200					2,5	2,5	3,3	10	T	T	T	T	T	T	T
	160	1250					2,5	2,5	3,3	5	10	T	T	T	T	T	T
NSX160DC	125	530	1,25	1,5	1,6	2	2,5	2,5	3,3	10	T	T	T	T	T	T	T
TM-G	160	530	1,25	1,5	1,6	2	2,5	2,5	3,3	5	10	T	T	T	T	T	T
NSX250DC	200	1000				2	2,5	2,5	5	T	T	T	T	T	T	T	T
TM-DC		2000								4	5	T	T	T	T	T	T
	250	1250					2,5	2,5	3,3	5	10	T	T	T	T	T	T
		2500						2,5	3,3	4	5	T	T	T	T	T	T
NSX250DC	200	530	1,25	1,5	1,6	2	2,5	2,5	5	T	T	T	T	T	T	T	T
TM-G	250	625		1,5	1,6	2	2,5	2,5	3,3	5	10	T	T	T	T	T	T

[1] Type of circuit breaker (1P1D, 2P2D) depend on earthing system and circuit breaker ranges.
For voltage up to 60Vdc one single pole of iC60 C120 NG125 NSX range is enough to break the current.
For ranges with 3P or 4P breakers only (NSX250 for example), one or two poles only are used of a 3P circuit breaker.

[2] According to the voltage and nb of pole used, the breaking capacity can changed.
Selectivity limit is the minimum of the value indicated in the table and the breaking capacity of downstream circuit breaker.

[3] This table is applicable for Case 1, Case 2, Case 3, Case 4 defined in introduction with this voltage between + and -.
Selectivity limits in this table for case 1 and Case 3 can also apply to system with higher voltage (up to 2 times) for the same circuit breaker (same number of poles used).

Compliancy of circuit breakers according to voltage and earthing system shall be checked before using this table.

Selectivity table

Upstream: Masterpact NW DC
Downstream: Compact NSX400/630/1200 DC, Masterpact NW DC

110 - 125V DC [3]

Time constant: 1.5 ms - 25 ms

Upstream			NW10DC -C N/H					NW10DC -C N/H					NW10DC -C N/H				
								NW20DC -C N/H					NW20DC -C N/H				
													NW40DC-C N/H				
			2P2D														
	Trip unit		Micrologic 1.0 DC														
			Range 1250/2500A					Range 2500/5400A					Range 5000/11000A				
			A	B	C	D	E	A	B	C	D	E	A	B	C	D	E
	Setting		1250	1500	1600	2000	2500	2500	3300	4000	5000	5400	5000	8000	10000	11000	11000
Downstream	**Rating**	**Im**	**Selectivity limit (kA)** [2]														
NSX400DC	250	635	1,25	1,5	1,6	2	2,5	2,5	3,3	4	5	5,4	5	T	T	T	T
TM-DC		1250					2,5	2,5	3,3	4	5	5,4	5	T	T	T	T
3P3D [1]	320	800			1,6	2	2,5	2,5	3,3	4	5	5,4	5	T	T	T	T
		1600							3,3	4	5	5,4	5	10	T	T	T
	400	1000				2	2,5	2,5	3,3	4	5	5,4	5	10	T	T	T
		2000								4	5	5,4	5	10	T	T	T
NSX630DC	500	1250						2,5	3,3	4	5	5,4	5	T	T	T	T
TM-DC		2500									5	5,4	5	10	T	T	T
3P3D [1]	600	1500							3,3	4	5	5,4	5	10	T	T	T
		3000												10	T	T	T
NSX1200DC	630	1575							3,3	4	5	5,4	5	8	10	11	11
TM-DC		3150												8	10	11	11
3P3D [1]	800	2000								4	5	5,4	5	8	10	11	11
		4000												8	10	11	11
	1000	2500											5	8	10	11	11
		5000													10	11	11
	1200	3000												8	10	11	11
		6000														11	11
NW DC-C	1000	1250							3,3	4	5	5,4	5	8	10	11	11
		2500									5	5,4	5	8	10	11	11
	1000/2000	2500									5	5,4	5	8	10	11	11
		5400													10	11	11
	1000/2000/4000	5000													10	11	11
		11000															

[1] Type of circuit breaker (1P1D, 2P2D) depend on earthing system and circuit breaker ranges.
For voltage up to 60Vdc one single pole of iC60 C120 NG125 NSX range is enough to break the current.
For ranges with 3P or 4P breakers only (NSX250 for example), one or two poles only are used of a 3P circuit breaker.

[2] According to the voltage and nb of pole used, the breaking capacity can changed.
Selectivity limit is the minimum of the value indicated in the table and the breaking capacity of downstream circuit breaker.

[3] This table is applicable for Case 1, Case 2, Case 3, Case 4 defined in introduction with this voltage between + and -.
Selectivity limits in this table for case 1 and Case 3 can also apply to system with higher voltage (up to 2 times) for the same circuit breaker (same number of poles used).

Compliancy of circuit breakers according to voltage and earthing system shall be checked before using this table.

Selectivity table

Upstream: C120, NG125 curves B, C, D
Downstream: C60H-DC curve C

220, 250 V DC [3]

Time constant (L/R):1.5 ms to 25 ms

Upstream		C120N/H/L, NG125N/H/L, 2P, 3P or 4P [1]										
		Curve B										
In (A)		10	16	20	25	32	40	50	63	80	100	125
Downstream	**Rating (A)**	**Selectivity limit (A) [2]**										
C60H-DC 1P or 2P [1] C Curves	0.5	500	T	T	T	T	T	T	T	T	T	T
	1		250	500	750	1500	T	T	T	T	T	T
	2				600	900	2000	3000	3500	5500	T	T
	3						1300	1500	1800	3000	5000	T
	4							1000	1200	1700	2800	5000
	6									1400	2000	3200
	10										1400	2300
	16											2000
	⩾ 20											

Upstream		C120N/H/L, NG125N/H/L, 2P, 3P or 4P [1]										
		Curve C										
In (A)		10	16	20	25	32	40	50	63	80	100	125
Downstream	**Rating (A)**	**Selectivity limit (A) [2]**										
C60H-DC 1P or 2P [1] C Curves	0.5	T	T	T	T	T	T	T	T	T	T	T
	1	300	1700	6000	T	T	T	T	T	T	T	T
	2		1000	1600	6000	T	T	T	T	T	T	T
	3			1000	3000	4000	5000	T	T	T	T	T
	4					2500	3500	2500	4500	T	T	T
	6							1000	2500	T	T	T
	10								1700	4000	6000	8000
	16								1000	2500	4500	6000
	20									2000	3500	4500
	25										3000	4000
	⩾ 32											

Upstream		C120N/H/L, NG125N/H/L, 2P, 3P or 4P [1]										
		Curve D										
In (A)		10	16	20	25	32	40	50	63	80	100	125
Downstream												
Circuit breaker	**Rating (A)**	**Selectivity limit (A) [2]**										
C60H-DC 1P or 2P [1] C Curves	0.5	T	T	T	T	T	T	T	T	T	T	T
	1	1400	T	T	T	T	T	T	T	T	T	T
	2	800	3000	6000	T	T	T	T	T	T	T	T
	3			3500	5000	T	T	T	T	T	T	T
	4			1000	3000	5000	6000	T	T	T	T	T
	6					2000	2500	3500	4500	T	T	T
	10							2000	2500	8000	T	T
	16									6500	T	T
	20									4000	6000	T
	25										5500	7500
	32											5000
	⩾ 40											

[1] Type of circuit breaker depend on earthing system and circuit breaker ranges (see Distribution guide direct current CA908061).
[2] According to the voltage and number of pole used, the breaking capacity can changed.
Selectivity limit is the minimum of the value indicated in the table and the breaking capacity of downstream circuit breaker.
[3] This table is applicable for Case 1, Case 2, Case 3, Case 4 defined in introduction with this voltage between + and -
Selectivity limits in this table for Case 3 and Case 4 can also apply to system with higher voltage (up to 2 times) for the same circuit breaker (same number of poles used).
Compliancy of circuit breakers according to voltage and earthing system shall be checked before using this table.

T	Total selectivity.
500	Selectivity limit = 500 A.
	No selectivity.

Selectivity table

Upstream: Compact NSX100/160/250 TM-D, TM-DC
Downstream: C60H-DC, C120, NG125

220 - 250V DC [3]

Time constant: 1.5 ms - 25 ms

Upstream		NSX100DC								NSX160DC			NSX250 DC				
		1P1D 2P2D F/N/M/S 3P3D F/S [1]											3P3D (1 or 2 P used) F/S [1]				
	Trip unit	TMD, TM-DC								TMD, TM-DC			TM-DC				
	Rating	16	25	32	40	50	63	80	100	100	125	160	160	200		250	
	Im	fixe	fixe	fixe	fixe	fixe	fixe	fixe	fixe	fixe	fixe	fixe	fixe	Mini	Maxi	Mini	Maxi
		260	400	550	700	700	700	800	800	800	1250	1250	1250	1000	2000	1250	2500
Downstream	**Rating**	**Selectivity limit (kA)** [2]															
C60H-DC	0,5	5	10	10	10	T	T	T	T	T	T	T	T	T	T	T	T
C Curves	1	5	5	5	5	10	T	T	T	T	T	T	T	T	T	T	T
	2	0,26	0,4	0,55	0,7	5	T	T	T	T	T	T	T	T	T	T	T
1P1D or 2P2D [1]	3		0,4	0,55	0,7	0,7	T	T	T	T	T	T	T	T	T	T	T
	4			0,55	0,7	0,7	10	T	T	T	T	T	T	T	T	T	T
	5				0,7	0,7	10	10	T	T	T	T	T	T	T	T	T
	6					0,7	5	10	10	10	T	T	T	T	T	T	T
	10					0,7	5	5	5	5	T	T	T	T	T	T	T
	13						0,7	0,8	5	5	10	T	T	10	T	T	T
	15-16							0,8	0,8	5	10	10	10	5	T	T	T
	20								0,8	0,8	5	5	5	1	T	T	T
	25								0,8	0,8	5	5	5	1	T	T	T
	30-32										5	5	5		T	10	T
	40											5	5		T	5	T
	50														10		10
	63														5		5
C120 N/H	63											1,25	1,25		5	10	T
B-C-D Curves	80														2		T
2P2D or 4P4D [1]	100														2		T
	125																T
NG125 N/H/L	10		0,4	0,5	0,7	0,7	0,7	0,8	0,8	0,8	10	10	10	5	T	T	T
B-C-D Curves	16			0,5	0,7	0,7	0,7	0,8	0,8	0,8	10	10	10	1	T	T	T
2P2D or 4P4D [1]	20				0,7	0,7	0,7	0,8	0,8	0,8	10	10	10	1	T	T	T
	25						0,7	0,8	0,8	0,8	5	10	10	1	T	T	T
	32							0,8	0,8	0,8	1,25	5	5	1	T	T	T
	40								0,8	0,8	1,25	1,25	1,25	1	10	T	T
	50										1,25	1,25	1,25	1	5	T	T
	63											1,25	1,25		5	10	T
	80														2		T
	100 (N)														2		T
	125 (N)																T

[1] Type of circuit breaker (1P1D, 2P2D) depend on earthing system and circuit breaker ranges.
For voltage up to 60Vdc one single pole of iC60 C120 NG125 NSX range is enough to break the current.
For ranges with 3P or 4P breakers only (NSX250 for example), one or two poles only are used of a 3P circuit breaker.

[2] According to the voltage and nb of pole used, the breaking capacity can changed.
Selectivity limit is the minimum of the value indicated in the table and the breaking capacity of downstream circuit breaker.

[3] This table is applicable for Case 1, Case 2, Case 3, Case 4 defined in introduction with this voltage between + and -.
Selectivity limits in this table for case 1 and Case 3 can also apply to system with higher voltage (up to 2 times) for the same circuit breaker (same number of poles used).

Compliancy of circuit breakers according to voltage and earthing system shall be checked before using this table.

Selectivity table

Upstream: Compact NSX100/160/250 DC TM-G
Downstream: C60H-DC, NG125

220 - 250 V DC [3]

Time constant: 1.5 ms - 25 ms

Upstream			NSX100DC						NSX160DC			NSX250 DC		
			3P3D (1 or 2 P used) F/S [1]											
	Trip unit		TM-G						TM-G			TM-G		
	Rating		16	25	40	63	80	100	100	125	160	160	200	250
	Im		80	100	100	150	250	400	400	530	530	530	530	625
Downstream	**In**	**Im**	**Selectivity limit (kA) [2]**											
C60H-DC	0,5		5	5	5	5	5	5	5	T	T	T	T	T
C Curves	1		0,08	0,1	0,1	0,15	0,25	5	5	10	T	T	T	T
1P1D or 2P2D	2			0,1	0,1	0,15	0,25	0,4	0,4	10	10	10	T	T
[1]	3				0,1	0,15	0,25	0,4	0,4	5	10	10	10	T
	4					0,15	0,25	0,4	0,4	0,53	5	5	5	10
	5						0,25	0,4	0,4	0,53	0,53	0,53	0,53	5
	6							0,4	0,4	0,53	0,53	0,53	0,53	0,63
	10									0,53	0,53	0,53	0,53	0,63
	13									0,53	0,53	0,53	0,53	0,63
	15-16									0,53	0,53	0,53	0,53	0,63
	20									0,53	0,53	0,53	0,53	0,63
	25										0,53	0,53	0,53	0,63
	30-32													0,63
	40													
	50													
	63													
NG125 N/H/L	10													
B-C-D Curves	16													
2P2D or 4P4D	20													
[1]	25													
	32													
	40													

[1] Type of circuit breaker (1P1D, 2P2D) depend on earthing system and circuit breaker ranges.
For voltage up to 60Vdc one single pole of iC60 C120 NG125 NSX range is enough to break the current.
For ranges with 3P or 4P breakers only (NSX250 for example), one or two poles only are used of a 3P circuit breaker.

[2] According to the voltage and nb of pole used, the breaking capacity can changed.
Selectivity limit is the minimum of the value indicated in the table and the breaking capacity of downstream circuit breaker.

[3] This table is applicable for Case 1, Case 2, Case 3, Case 4 defined in introduction with this voltage between + and -.
Selectivity limits in this table for case 1 and Case 3 can also apply to system with higher voltage (up to 2 times) for the same circuit breaker (same number of poles used).

Compliancy of circuit breakers according to voltage and earthing system shall be checked before using this table.

Selectivity table

Upstream: Compact NSX100 - 250 DC TMD
Downstream: Compact NSX100 - 160 DC TMD, TMG

220 - 250 V DC [3]

Time constant: 1.5 ms - 25 ms

Upstream		NSX100 DC								NSX160 DC				NSX250 DC				
	Trip unit	1P1D 2P2D F/N/M/S (3P3D F/S) [1]												3P3D (1 or 2 P Used) F/S [1]				
		TM-D								TM-D, TM-DC				TM-DC				
	Rating	16	25	32	40	50	63	80	100	80	100	125	160	160	200		250	
	Im	fixe	fixe	fixe	fixe	fixe	fixe	fixe	fixe	fixe	fixe	fixe	fixe	fixe	Mini	Maxi	Mini	Maxi
		260	400	550	700	700	700	640	800	640	800	1250	1250	1250	1000	2000	1250	2500
Downstream	**Rating**	**Im**	**Selectivity limit (kA) [2]**															
NSX100DC	16	260			0,5	0,7	0,7	0,7	0,7	0,8	0,8	0,8	1,25	1,25	1,25	1	2	1,25	5
TM-D	25	400				0,7	0,7	0,7	0,7	0,8	0,8	0,8	1,25	1,25	1,25	1	2	1,25	5
(TM-DC)	32	400						0,7	0,7	0,8	0,8	0,8	1,25	1,25	1,25	1	2	1,25	5
1P1D or	40	700							0,7	0,8	0,8	0,8	1,25	1,25	1,25	1	2	1,25	2,5
2P2PD	50	700							0,7	0,8	0,8	0,8	1,25	1,25	1,25	1	2	1,25	2,5
(3P3D)	63	700								0,8		0,8	1,25	1,25	1,25	1	2	1,25	2,5
[1]	80	800											1,25	1,25	1,25	1	2	1,25	2,5
	100	1000											1,25	1,25	1,25	1	2	1,25	2,5
NSX100DC	16	80			0,5	0,7	0,7	0,7	0,7	0,8	0,8	0,8	1,25	1,25	1,25	1	2	1,25	10
TM-G	25	100				0,7	0,7	0,7	0,7	0,8	0,8	0,8	1,25	1,25	1,25	1	2	1,25	5
3P3D	40	100							0,7	0,8	0,8	0,8	1,25	1,25	1,25	1	2	1,25	5
[1]	63	150							0,7	0,8		0,8	1,25	1,25	1,25	1	2	1,25	5
	80	250								0,8			1,25	1,25	1,25	1	2	1,25	2,5
	100	400											1,25	1,25	1,25	1	2	1,25	2,5
NSX160DC	100	1000											1,25	1,25	1,25	1	2	1,25	2,5
TM-DC	125	1200																1,25	2,5
1P1D or 2P2D	160	1250																	
3P2D [1]																			
NSX160DC	125	530																1,25	2,5
TM-G 3P3D [1]	160	530																	

[1] Type of circuit breaker (1P1D, 2P2D) depend on earthing system and circuit breaker ranges.
For voltage up to 60Vdc one single pole of iC60 C120 NG125 NSX range is enough to break the current.
For ranges with 3P or 4P breakers only (NSX250 for example), one or two poles only are used of a 3P circuit breaker.

[2] According to the voltage and nb of pole used, the breaking capacity can changed.
Selectivity limit is the minimum of the value indicated in the table and the breaking capacity of downstream circuit breaker.

[3] This table is applicable for Case 1, Case 2, Case 3, Case 4 defined in introduction with this voltage between + and -.
Selectivity limits in this table for case 1 and Case 3 can also apply to system with higher voltage (up to 2 times) for the same circuit breaker (same number of poles used).

Compliancy of circuit breakers according to voltage and earthing system shall be checked before using this table.

Selectivity table

Upstream: Compact NSX400/630/1200 DC TM-DC
Downstream: C60H-DC, C120, NG125

220 - 250V DC [3]

Time constant: 1.5 ms - 25 ms

Upstream			NSX400DC F/S						NSX630DC F/S				NSX1200DC N							
			3P3D (1 or 2 P Used) [1]										2P2D							
		Trip unit	TM-DC						TM-DC				TM-DC							
		Rating	250		320		400		500		600		630		800		1000		1200	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Downstream	In	Im	625	1250	800	1600	1000	2000	1250	2500	1500	3000	1575	3150	2000	4000	2500	5000	3000	6000

Downstream	Rating	Im	Selectivity limit (kA) [2]																	
C60H-DC	0,5		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
C curve	1		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
1P1D or 2P2D	2		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
[1]	3		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	4		15	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	5		10	T	T	T	10	T	T	T	T	T	T	T	T	T	T	T	T	T
	6		5	T	15	T	5	T	T	T	T	T	T	T	T	T	T	T	T	T
	10		0,6	T	10	T	1	T	T	T	T	T	T	T	T	T	T	T	T	T
	13			10	5	10		10	10	T	10	T	10	T	10	T	T	T	T	T
	15-16			5	0,8	5		5	5	T	5	T	5	T	5	T	T	T	T	T
	20			1,25		1,6		5	1,25	T	1,5	T	1,5	T	5	T	T	T	T	T
	25							2		T		T		T	2	T	T	T	T	T
	30-32									T		T		T		T	T	T	T	T
	40									T		T		T		T	T	T	T	T
	50									T		T		T		T	T	T	T	T
	63									T		T		T		T	T	T	T	T
NG125 N/H/L	10		0,625	1,25	0,8	1,6	1	5	T	T	10	T	10	T	T	T	T	T	T	T
B-C-D Curves	16					1,6	1	2	5	T	5	T	5	T	T	T	T	T	T	T
2P2D or 4P4D	20							2	1,25	T	1,5	T	1,5	T	T	T	T	T	T	T
[1]	25									T		T		T	T	T	T	T	T	T
	32									T		T		T	10	T	T	T	T	T
	40									T		T		T	10	T	10	T	T	T
	50									T		T		T	5	T	10	T	T	T
	63									T		T		T		T	5	T	T	T
	80									5		T		T		T		T	T	T
	100 (N)									5		10		10		10		T	T	T
	125 (N)									5		5		5		5		T	T	T
C120 N/H	63									T		T		T		T	5	T	T	T
B-C-D Curves	80									5		T		T		T		T	T	T
2P2D or 4P4D	100									5		10		10		10		T	T	T
[1]	125									5		5		5		5		T	T	T

[1] Type of circuit breaker (1P1D, 2P2D) depend on earthing system and circuit breaker ranges.
For voltage up to 60Vdc one single pole of iC60 C120 NG125 NSX range is enough to break the current.
For ranges with 3P or 4P breakers only (NSX250 for example), one or two poles only are used of a 3P circuit breaker.

[2] According to the voltage and nb of pole used, the breaking capacity can changed.
Selectivity limit is the minimum of the value indicated in the table and the breaking capacity of downstream circuit breaker.

[3] This table is applicable for Case 1, Case 2, Case 3, Case 4 defined in introduction with this voltage between + and -.
Selectivity limits in this table for case 1 and Case 3 can also apply to system with higher voltage (up to 2 times) for the same circuit breaker (same number of poles used).

Compliancy of circuit breakers according to voltage and earthing system shall be checked before using this table.

Selectivity table

Upstream: Compact NSX400/630/1200 DC TM-DC
Downstream: Compact NSX100/160 DC TM-D, TM-DC, TM-G

220 - 250V DC [3]

Time constant: 1.5 ms - 25 ms

Upstream		NSX400DC F/S						NSX630DC F/S				NSX1200DC N							
	Trip unit	TM-DC						TM-DC				TM-DC							
	Rating	250		320		400		500		600		630		800		1000		1200	
		min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
	Im	625	1250	800	1600	1000	2000	1250	2500	1500	3000	1575	3150	2000	4000	2500	5000	3000	6000

Downstream	Rating		Selectivity limit (kA) [2]																	
NSX100DC	16	260	0,63	1,25	0,8	1,6	1	2	1,25	2,5	1,5	3	1,5	3,1	2	4	2,5	5	3	T
TM-D	25	400	0,63	1,25	1	1,6	1	2	1,25	2,5	1,5	3	1,5	3,1	2	4	2,5	5	3	10
(TM-DC)	32	400		1,25	1	1,6	1	2	1,25	2,5	1,5	3	1,5	3,1	2	4	2,5	5	3	6
1P1D or 2P2PD	40	700			1	1,6	1	2	1,25	2,5	1,5	3	1,5	3,1	2	4	2,5	5	3	6
(3P3D)	50	700				1,6	1	2	1,25	2,5	1,5	3	1,5	3,1	2	4	2,5	5	3	6
[1]	63	700					1	2	1,25	2,5	1,5	3	1,5	3,1	2	4	2,5	5	3	6
	80	800						2		2,5		3	1,5	3,1	2	4	2,5	5	3	6
	100	1000						2		2,5		3		3,1	2	4	2,5	5	3	6
NSX100DC	16	80	0,63	1,25	0,8	1,6	1	2	1,25	2,5	1,5	3	1,5	3,1	2	4	2,5	5	3	T
TM-G	25	100	0,63	1,25	1	1,6	1	2	1,25	2,5	1,5	3	1,5	3,1	2	4	2,5	5	3	10
3P3D [1]	40	100			1	1,6	1	2	1,25	2,5	1,5	3	1,5	3,1	2	4	2,5	5	3	6
	63	150					1	2	1,25	2,5	1,5	3	1,5	3,1	2	4	2,5	5	3	6
	80	250						2		2,5		3	1,5	3,1	2	4	2,5	5	3	6
	100	400						2		2,5		3	1,5	3,1	2	4	2,5	5	3	6
NSX160DC	100	1000						2		2,5		3	1,5	3,1	2	4	2,5	5	3	6
TM-DC	125	1200								2,5		3		3,1		4	2,5	4	3	6
1P1D or 2P2PD	160	1250								2,5		3		3,1		4	2,5	4	3	6
NSX160DC	125	530								2,5	1,5	3	1,5	3,1	2	4	2,5	4	3	6
TM-G 3P3D	160	530								2,5	1,5	3	1,5	3,1	2	4	2,5	4	3	6
NSX250DC	200	1000								2,5	1,5	3	1,5	3,1	2	4	2,5	4	3	6
TM-DC		2000										3		3,1		4	2,5	4	3	6
3P3D [1]	250	1250												3,1		4	2,5	4	3	6
		2500												3,1		4		4	3	6
NSX250DC	200	530							1,25	2,5	1,5	3	1,5	3,1	2	4	2,5	4	3	6
TM-G 3P3D	250	625							1,25	2,5	1,5	3	1,5	3,1	2	4	2,5	4	3	6

[1] Type of circuit breaker (1P1D, 2P2D) depend on earthing system and circuit breaker ranges.
For voltage up to 60Vdc one single pole of iC60 C120 NG125 NSX range is enough to break the current.
For ranges with 3P or 4P breakers only (NSX250 for example), one or two poles only are used of a 3P circuit breaker.

[2] According to the voltage and nb of pole used, the breaking capacity can changed.
Selectivity limit is the minimum of the value indicated in the table and the breaking capacity of downstream circuit breaker.

[3] This table is applicable for Case 1, Case 2, Case 3, Case 4 defined in introduction with this voltage between + and -.
Selectivity limits in this table for case 1 and Case 3 can also apply to system with higher voltage (up to 2 times) for the same circuit breaker (same number of poles used).

Compliancy of circuit breakers according to voltage and earthing system shall be checked before using this table.

Selectivity table

Upstream: Masterpact NW DC
Downstream: C60H-DC, C120, NG125, Compact NSX100/160/250 DC

220 - 250V DC [3]

Time constant: 1.5 ms - 25 ms

Upstream			NW10DC -C N/H					NW10DC -C N/H					NW10DC -C N/H				
								NW20DC -C N/H					NW20DC -C N/H				
													NW40DC-C N/H				
			2P2D														
	Trip unit		Micrologic 1.0 DC														
			Range 1250/2500A					Range 2500/5400A					Range 5000/11000A				
	Type		A	B	C	D	E	A	B	C	D	E	A	B	C	D	E
	Setting		1250	1500	1600	2000	2500	2500	3300	4000	5000	5400	5kA	8kA	10kA	11kA	11kA
Downstream	**Rating**	**Im**	**Selectivity limit (kA)** [2]														
C60H-DC [1]	0,5-63		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
C120 N/H	63		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
2P/2P or 4P4D	80		1,25	T	T	T	T	T	T	T	T	T	T	T	T	T	T
[1]	100		1,25	1,5	T	T	T	T	T	T	T	T	T	T	T	T	T
	125		1,25	1,5	1,6	T	T	T	T	T	T	T	T	T	T	T	T
NG125 N/H/L	10-50		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
B-C-D Curves	63		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
2P/2P or 4P4D	80		1,25	T	T	T	T	T	T	T	T	T	T	T	T	T	T
[1]	100 (N)		1,25	1,5	T	T	T	T	T	T	T	T	T	T	T	T	T
	125 N)		1,25	1,5	1,6	T	T	T	T	T	T	T	T	T	T	T	T
NSX100DC N/H	16	260	1,25	1,5	1,6	2	2,5	2,5	10	T	T	T	T	T	T	T	T
TM-D	25	400	1,25	1,5	1,6	2	2,5	2,5	5	T	T	T	T	T	T	T	T
	32	400	1,25	1,5	1,6	2	2,5	2,5	3,3	10	T	T	T	T	T	T	T
1P1D or 2P2D	40	700		1,5	1,6	2	2,5	2,5	3,3	5	10	T	10	T	T	T	T
[1]	50	700		1,5	1,6	2	2,5	2,5	3,3	4	5	T	5	T	T	T	T
	63	700		1,5	1,6	2	2,5	2,5	3,3	4	5	10	5	T	T	T	T
TM-DC	80	800		1,5	1,6	2	2,5	2,5	3,3	4	5	5,4	5	T	T	T	T
[1]	100	1000				2	2,5	2,5	3,3	4	5	5,4	5	T	T	T	T
NSX100DC	16	80	1,25	1,5	1,6	2	2,5	2,5	10	T	T	T	T	T	T	T	T
TM-G	25	100	1,25	1,5	1,6	2	2,5	2,5	5	T	T	T	T	T	T	T	T
[1]	40	100		1,5	1,6	2	2,5	2,5	3,3	5	10	T	10	T	T	T	T
3P3D	63	150		1,5	1,6	2	2,5	2,5	3,3	4	5	10	5	T	T	T	T
	80	250		1,5	1,6	2	2,5	2,5	3,3	4	5	5,4	5	T	T	T	T
	100	400				2	2,5	2,5	3,3	4	5	5,4	5	T	T	T	T
NSX160DC	100	1000				2	2,5	2,5	3,3	4	5	5,4	5	T	T	T	T
TM-DC 1P1D or 2P2D	125	1200					2,5	2,5	3,3	4	5	5,4	5	T	T	T	T
[1]	160	1250					2,5	2,5	3,3	4	5	5,4	5	T	T	T	T
NSX160DC	125	530	1,25	1,5	1,6	2	2,5	2,5	3,3	4	5	5,4	5	T	T	T	T
TM-G 3P3D	160	530	1,25	1,5	1,6	2	2,5	2,5	3,3	4	5	5,4	5	T	T	T	T
NSX250DC	200	1000				2	2,5	2,5	5	4	5	5,4	5	T	T	T	T
TM-DC		2000								4	5	5,4	5	T	T	T	T
[1]	250	1250					2,5	2,5	3,3	4	5	5,4	5	T	T	T	T
3P3D		2500						2,5	3,3	4	5	5,4	5	T	T	T	T
NSX250DC	200	530	1,25	1,5	1,6	2	2,5	2,5	5	4	5	5,4	5	T	T	T	T
TM-G	250	625		1,5	1,6	2	2,5	2,5	3,3	4	5	5,4	5	T	T	T	T

[1] Type of circuit breaker (1P1D, 2P2D) depend on earthing system and circuit breaker ranges.
For voltage up to 60Vdc one single pole of iC60 C120 NG125 NSX range is enough to break the current.
For ranges with 3P or 4P breakers only (NSX250 for example), one or two poles only are used of a 3P circuit breaker.

[2] According to the voltage and nb of pole used, the breaking capacity can changed.
Selectivity limit is the minimum of the value indicated in the table and the breaking capacity of downstream circuit breaker.

[3] This table is applicable for Case 1, Case 2, Case 3, Case 4 defined in introduction with this voltage between + and -.
Selectivity limits in this table for case 1 and Case 3 can also apply to system with higher voltage (up to 2 times) for the same circuit breaker (same number of poles used).

Compliancy of circuit breakers according to voltage and earthing system shall be checked before using this table.

Selectivity table

Upstream: Masterpact NW DC
Downstream: Compact NSX400/630/1200 DC, Masterpact NW DC

220 - 250V DC [3]

Time constant: 1.5 ms - 25 ms

Upstream			NW10DC -C N/H					NW10DC -C N/H					NW10DC -C N/H				
								NW20DC -C N/H					NW20DC -C N/H				
													NW40DC-C N/H				
			2P2D														
	Trip unit		Micrologic 1.0 DC														
			Range 1250/2500A					Range 2500/5400A					Range 5000/11000A				
			A	B	C	D	E	A	B	C	D	E	A	B	C	D	E
	Setting		1250	1500	1600	2000	2500	2500	3300	4000	5000	5400	5000	8000	10000	11000	11000
Downstream	**Rating**	**Im**	**Selectivity limit (kA)** [2]														
NSX400DC	250	635	1,25	1,5	1,6	2	2,5	2,5	3,3	4	5	5,4	5	T	T	T	T
TM-DC		1250					2,5	2,5	3,3	4	5	5,4	5	T	T	T	T
3P3D [1]	320	800			1,6	2	2,5	2,5	3,3	4	5	5,4	5	T	T	T	T
		1600							3,3	4	5	5,4	5	10	T	T	T
	400	1000				2	2,5	2,5	3,3	4	5	5,4	5	10	T	T	T
		2000								4	5	5,4	5	10	10	11	11
NSX630DC	500	1250						2,5	3,3	4	5	5,4	5	10	10	11	11
TM-DC		2500									5	5,4	5	10	10	11	11
3P3D [1]	600	1500							3,3	4	5	5,4	5	10	10	11	11
		3000												10	10	11	11
NSX1200DC	630	1575							3,3	4	5	5,4	5	8	10	11	11
TM-DC		3150												8	10	11	11
3P3D [1]	800	2000								4	5	5,4	5	8	10	11	11
		4000												8	10	11	11
	1000	2500											5	8	10	11	11
		5000													10	11	11
	1200	3000												8	10	11	11
		6000														11	11
Masterpact	1000	1250							3,3	4	5	5,4	5	8	10	11	11
NW DC-C		2500									5	5,4	5	8	10	11	11
	1000/2000	2500									5	5,4	5	8	10	11	11
		5400													10	11	11
	1000/2000/4000	5000													10	11	11
		11000															

[1] Type of circuit breaker (1P1D, 2P2D) depend on earthing system and circuit breaker ranges.
For voltage up to 60Vdc one single pole of iC60 C120 NG125 NSX range is enough to break the current.
For ranges with 3P or 4P breakers only (NSX250 for example), one or two poles only are used of a 3P circuit breaker.

[2] According to the voltage and nb of pole used, the breaking capacity can changed.
Selectivity limit is the minimum of the value indicated in the table and the breaking capacity of downstream circuit breaker.

[3] This table is applicable for Case 1, Case 2, Case 3, Case 4 defined in introduction with this voltage between + and -.
Selectivity limits in this table for case 1 and Case 3 can also apply to system with higher voltage (up to 2 times) for the same circuit breaker (same number of poles used).

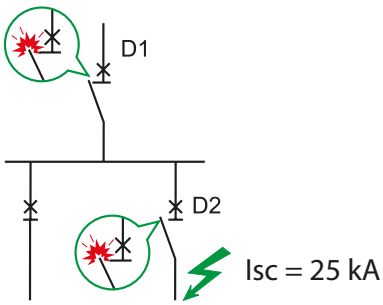
Compliancy of circuit breakers according to voltage and earthing system shall be checked before using this table.

Cascading (or Back-up protection)

IEC 60947-2, Annex A
IEC 60364-4-43 (2008) § 434.5.1

What is cascading?

Cascading is the use of the current limiting capacity of circuit breakers at a given point to permit installation of lower-rated and therefore lower-cost circuit breakers downstream. Cascading is also called "Back-up" protection.
The upstream Compact circuit breakers acts as a barrier against short-circuit currents. In this way, downstream circuit breakers with lower breaking capacities than the prospective short-circuit (at their point of installation) operate under their normal breaking conditions.
Since the current is limited throughout the circuit controlled by the limiting circuit breaker, cascading applies to all switchgear downstream. It is not restricted to two consecutive devices.

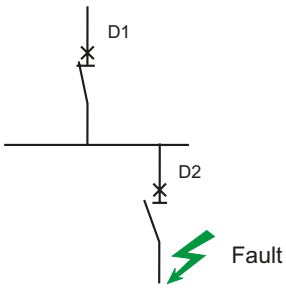


General use of cascading

With cascading, the devices can be installed in different switchboards. Thus, in general, cascading refers to any combination of circuit breakers where a circuit breaker with a breaking capacity less than the prospective Isc at its point of installation can be used. Of course, the breaking capacity of the upstream circuit breaker must be greater than or equal to the prospective short-circuit current at its point of installation.
The combination of two circuit breakers in cascading configuration is covered by the following standards of:
- design and manufacture of circuit breakers (IEC 60947-2, Annex A),
- electrical distribution networks (IEC 60364-4-43 Ed 3 2008 § 434.5.1).

Coordination between circuit breakers

The use of a protective device possessing a breaking capacity less than the prospective short-circuit current at its installation point is permitted as long as another device is installed upstream with at least the necessary breaking capacity.
In this case, the characteristics of the two devices must be coordinated in such a way that the energy let through by the upstream device is not more than that which can be withstood by the downstream device and the cables protected by these devices without damage.
Cascading can only be checked by laboratory tests and the possible combinations can be specified only by the circuit breaker manufacturer.



D1 and D2 in series.

Cascading and protection selectivity

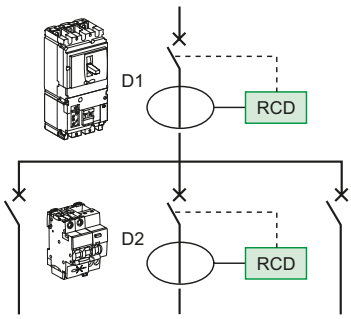
In cascading configurations, due to the Roto-active breaking technique, selectivity is maintained and, in some cases, even enhanced. Consult the enhanced selectivity tables on page 132 for data on selectivity limits.

Cascading tables

Schneider Electric cascading tables are:
- drawn up on the basis of calculations (comparison between the energy limited by the upstream device and the maximum permissible thermal stress for the downstream device)
- verified experimentally in accordance with IEC standard 60947-2.

For 50/60 Hz distribution systems with 220-240 V, 380-415 V and 440 V between phases, the tables of the following pages indicate cascading possibilities between upstream Compact and downstream Acti 9 and Compact circuit breakers as well as between upstream Masterpact and downstream Compact circuit breakers.

Circuit breaker with Vigi module (Add-On Residual Current Device - RCD):
When circuit breakers are equipped with Vigi module, the following cascading tables are still applicable.



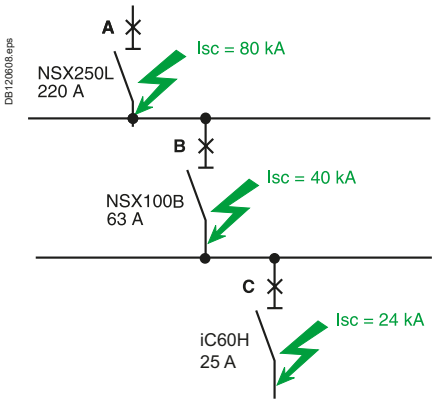
Using the cascading tables

This table takes in account all types of faults: between phases, phase and neutral, phase and earth in all earthing systems.
In IT the following cascading tables can not be used to evaluate performances in case of "double fault" between two different phases and earth in two different locations of the installation. Each breaker shall comply to IEC60947-2 Annex H to be used in such a system.
Depending on the network and the type of downstream circuit breaker, the selection table below indicates which table should be consulted to find out the cascading value.

Selection table

		Upstream network					
		DB123996.eps L1 N		DB123998.eps L1 L2 L3 N		DB123997.eps L1 L2 L3	
Type of Downstream network	**Type of Downstream protection device**	**Type of circuit breaker upstream device: 1P, 2P, 3P or 4P circuit breaker**					
		Ph/N 110-130 V	**Ph/N 220-240 V**	**Ph/N 110-130 V Ph/Ph 220-240 V**	**Ph/N 220-240 V Ph/Ph 380-415 V**	**Ph/Ph 220-240 V**	**Ph/Ph 380-415 V**
DB124079.eps N L1	DB123991.eps 2P	See table Ue: 220-240 V	[1] See table Ue: 380-415 V	See table Ue: 220-240 V	[1] See table Ue: 380-415 V		
	DB124191.eps 1P; DB123992.eps 1P + N	See table Ue: 220-240 V	[2] See table Ue: 380-415 V	See table Ue: 220-240 V	[2] See table Ue: 380-415 V		
DB124192.eps L1 L2	DB123991.eps 2P			See table Ue: 220-240 V	See table Ue: 380-415 V	See table Ue: 220-240 V	See table Ue: 380-415 V
DB124080.eps L1 L2 L3	DB123993.eps 3P			See table Ue: 220-240 V	See table Ue: 380-415 V	See table Ue: 220-240 V	See table Ue: 380-415 V
DB124081.eps N L1 L2 L3	DB123994.eps 4P			See table Ue: 220-240 V	See table Ue: 380-415 V		
	DB123993.eps 3P; DB123995.eps 3P+N			See table Ue: 220-240 V	See table Ue: 380-415 V		

[1] For fault phase-neutral with upstream protection of neutral, please consult the table Ue: 220-240 V.
[2] For iC60 1P+N circuit breaker connected between phase and neutral under 220-240 V, consult the table Ue: 220-240 V (only for faults between phase and neutral).



Example of three level cascading

Consider three circuit breakers A, B and C connected in series. The criteria for cascading are fulfilled in the following two cases:

- the upstream device A is coordinated for cascading with both devices B and C (even if the cascading criteria are not fulfilled between B and C). It is simply necessary to check that the combinations A + B and A + C have the required breaking capacity
- each pair of successive devices is coordinated, i.e. A with B and B with C (even if the cascading criteria are not fulfilled between A and C). It is simply necessary to check that the combinations A + B and B + C have the required breaking capacity.

The upstream breaker A is a NSX250L (breaking capacity 150 kA) for a prospective Isc of 80 kA across its output terminals.
A NSX100B (breaking capacity 25 kA) can be used for circuit breaker B for a prospective Isc of 40 kA across its output terminals, since the "reinforced" breaking capacity provided by cascading with the upstream NSX250L is 50 kA.
A iC60H (breaking capacity 15 kA) can be used for circuit breaker C for a prospective Isc of 24 kA across its output terminals since the "reinforced" breaking capacity provided by cascading with the upstream NSX250L is 25 kA.
Note that the "reinforced" breaking capacity of the iC60H with the NSX100B upstream is only 20 kA, but:

- A + B = 50 kA
- A + C = 25 kA.

Cascading

Contents

Downstream	Upstream							
Type	iDPN	iC60	C120	NG125	NSXm	NSX100	NSX160	NSX250
380-415 V (Ph/N 220-240 V)								
iDPN	page 120	page 120	page 120	page 120	page 120	page 120	page 121	page 121
iC60	-	page 120	page 120	page 120	page 120	page 120	page 121	page 121
C120	-	-	page 120	page 120	page 120	page 120	page 121	page 121
NG125	-	-	-	page 120	page 120	page 120	page 121	page 121
NSXm	-	-	-	-	page 120	page 120	page 121	page 121
NSX100	-	-	-	-	-	page 120	page 121	page 121
NSX160	-	-	-	-	-	-	page 121	page 121
NSX250	-	-	-	-	-	-	-	page 121
440 V								
iC60	-	page 124	-	page 124	page 124	page 124	page 125	-
NG125	-	-	-	page 124	page 124	page 124	page 125	page 125
NSXm	-	-	-	-	page 124	page 124	page 125	page 125
NSX100	-	-	-	-	-	page 124	page 125	page 125
NSX160	-	-	-	-	-	-	page 125	page 125
NSX250	-	-	-	-	-	-	-	page 125
220-240 V (Ph/N 110-130 V)								
iDPN	-	page 128	page 128	page 128	page 128	page 128	page 129	page 129
iC60	-	page 128	page 128	page 128	page 128	page 128	page 129	page 129
C120	-	-	page 128	page 128	page 128	page 128	page 129	page 129
NG125	-	-	-	page 128	page 128	page 128	page 129	page 129
NSXm	-	-	-	-	page 128	page 128	page 129	page 129
NSX100	-	-	-	-	-	page 128	page 129	page 129
NSX160	-	-	-	-	-	-	page 129	page 129
NSX250	-	-	-	-	-	-	-	page 129

Selectivity enhanced by cascading

Downstream	Upstream			
Type	NSXm	NSX100	NSX160	NSX250
380-415 V (Ph/N 220-240 V)				
iC60	page 133	page 133	page 135-136	page 135-136
C120	-	-	-	page 135-136
NG125	-	-	-	page 135-136
NSXm	-	-	-	page 135-136
NSX100	-	-	-	page 135-136
440 V				
NSXm	-	-	-	page 141-142
iC60	page 139	page 139	page 141-142	-
NG125	-	-	page 141-142	page 141-142
NSX100	-	-	-	page 141-142
220-240 V (Ph/N 110-130 V)				
iC60	-	page 146	page 145-146	page 145-146
C120	-	-	-	page 145-146
NG125	-	-	page 145	page 145-146
NSXm	-	-	-	page 147-148
NSX100	-	-	-	page 147-148

Cascading

Contents

Downstream	Upstream				
Type	NSX400	NSX630	NS630b	NS800 to 3200 H/L	Masterpact MTZ
380-415 V (Ph/N 220-240 V)					
NSXm	page 122	page 122	page 123	-	-
NSX100	page 122	page 122	page 123	page 123	page 123
NSX160	page 122	page 122	page 123	page 123	page 123
NSX250	page 122	page 122	page 123	page 123	page 123
NSX400	page 122	page 122	page 123	page 123	page 123
NSX630	-	page 122	page 123	page 123	page 123
NS630b	-	-	page 123	page 123	page 123
NS800	-	-	page 123	page 123	page 123
NS1000	-	-	page 123	page 123	page 123
NS1250	-	-	page 123	page 123	page 123
NS1600	-	-	page 123	page 123	page 123
440 V					
NSXm	page 126	page 126	-	-	-
NSX100	page 126	page 126	page 127	page 127	page 127
NSX160	page 126	page 126	page 127	page 127	page 127
NSX250	page 126	page 126	page 127	page 127	page 127
NSX400	page 126	page 126	page 127	page 127	page 127
NSX630	-	page 126	page 127	page 127	page 127
NS630b	-	-	page 127	page 127	page 127
NS800	-	-	page 127	page 127	page 127
NS1000	-	-	page 127	page 127	page 127
NS1250	-	-	page 127	page 127	page 127
NS1600	-	-	page 127	page 127	page 127
220-240 V (Ph/N 110-130 V)					
NSXm	page 130	page 130	-	-	-
NSX100	page 130	page 130	page 131	page 131	page 131
NSX160	page 130	page 130	page 131	page 131	page 131
NSX250	page 130	page 130	page 131	page 131	page 131
NSX400	page 130	page 130	page 131	page 131	page 131
NSX630	-	page 130	page 131	page 131	page 131
NSX630b			page 131	page 131	page 131

Selectivity enhanced by cascading

Downstream	Upstream					
Type	NSX400	NSX630	NS800	NS1000	NS1250	NS1600
380-415 V (Ph/N 220-240 V)						
NSXm	page 137	page 137	-	-	-	-
NSX100	page 137	page 137	page 138	page 138	page 138	page 138
NSX160	page 137	page 137	page 138	page 138	page 138	page 138
NSX250	-	page 137	page 138	page 138	page 138	page 138
NSX400	-	-	page 138	page 138	page 138	page 138
NSX630	-	-	page 138	page 138	page 138	page 138
440 V						
NSXm	page 143	page 143	-	-	-	-
NSX100	page 143	page 143	page 144	page 144	page 144	page 144
NSX160	page 143	page 143	page 144	page 144	page 144	page 144
NSX250	page 143	page 143	page 144	page 144	page 144	page 144
NSX400	-	-	page 144	page 144	page 144	page 144
NSX630	-	-	page 144	page 144	page 144	page 144
220-240 V (Ph/N 110-130 V)						
NSXm	page 148	page 148	-	-	-	-
NSX100	page 148	page 148	page 148	page 148	-	-
NSX160	page 148	page 148	page 148	page 148	-	-
NSX250	-	page 148	page 148	page 148	-	-
NSX400	-	page 148	page 148	page 148	-	-
NSX630	-	-	-	page 148	-	-

Cascading

Upstream: iDPN, iC60, C120, NG125, Compact NSXm, NSX100
Downstream: iDPN, iC60, C120, NG125, Compact NSXm, NSX100

Ue: 380-415 V AC (Ph/N 220-240 V AC)

Upstream CB		iDPN	iC60					C120		NG125		
		N	N	H	L			N	H	N	H	L
					≤ 25 A	32/40 A	50/63 A					
	Icu (kA)	10	10	15	25	20	15	10	15	25	36	50
Downstream CB												
	Rating (A)	Icu (kA)	Reinforced breaking capacity (kA)									
iDPN [1]	1-16	6	10	10	10	20	15	10	10	10	10	16	20
	25-40	6	10	10	10	15	10	10	10	10	10	16	20
iDPN N [1]	1-16	10			15	25	20	15		15	20	20	25
	25-40	10			15	20	15	15		15	16	20	25
iC60N	0,5-25	10			15	25	20	15		15	25	25	25
	32-40	10			15		20	15		15	25	25	25
	50-63	10			15			15		15	25	25	25
iC60H	0,5-25	15				25	20				25	36	36
	32-40	15					20				25	36	36
	50-63	15									25	36	36
iC60L	0,5-25	25										36	50
	32-40	20									25	36	50
	50-63	15									25	36	36
C120N	63-125	10								15	25	25	36
C120H	63-125	15									25	25	36
NG125N	1-125	25										36	36
NG125H	1-125	36											50

Upstream CB		NSXm					NSX100					
		E	B	F	N	H	B	F	N	H	S	L
	Icu (kA)	16	25	36	50	70	25	36	50	70	100	150
Downstream CB												
	Rating (A)	Icu (kA)	Reinforced breaking capacity (kA)									
iDPN [1]	1-40	6	10	10	10	10	10	10	10	10	10	10	10
iDPNN [1]	1-16	10	16	20	20	20	20	20	20	20	20	20	20
	25-40	10	16	16	16	16	16	16	16	16	16	16	16
iC60N	0,5-40	10	16	20	25	30	30	20	25	30	30	30	30
	50-63	10	16	20	25	30	30	20	25	30	30	30	30
iC60H	0,5-40	15	16	25	36	36	36	25	36	40	40	40	40
	50-63	15	16	25	36	36	36	25	36	40	40	40	40
iC60L	0,5-25	25			36	36	36		36	40	40	40	40
	32-40	20		25	36	36	36	25	36	40	40	40	40
	50-63	15	16	25	36	36	36	25	36	40	40	40	40
C120N	63-125	10	16	25	25	25	25	25	25	25	25	25	25
C120H	63-125	15	16	25	25	25	25	25	25	25	25	25	25
NG125N	1-125	25			36	36	36		36	36	36	50	70
NG125H	1-125	36				40	50			40	50	70	100
NG125L	1-80	50					70				70	100	150
NSXm E	16-160	16		25	30	30	30	25	25	30	30	30	30
NSXm B	16-160	25			36	36	50		36	36	50	50	50
NSXm F	16-160	36				50	70			50	70	70	70
NSXm N	16-160	50					70				70	70	70
NSXm H	16-160	70											
NSX100B	16-100	25							36	36	50	50	50
NSX100F	16-100	36								50	70	100	150
NSX100N	16-100	50									70	100	150
NSX100H	16-100	70										100	150
NSX100S	16-100	100											150

[1] 230 V phase to neutral

Cascading table

Upstream: Compact NSX160, NSX250
Downstream: iDPN, iC60, C120, NG125, Compact NSXm, NSX100, NSX160, NSX250

Ue: 380-415 V AC
(Ph/N 220-240 V AC)

Upstream CB			NSX160						NSX250					
			B	F	N	H	S	L	B	F	N	H	S	L
		Icu (kA)	25	36	50	70	100	150	25	36	50	70	100	150
Downstream CB														
	Rating (A)	Icu (kA)	Reinforced breaking capacity (kA)											
iDPN [1]	**1-40**	**6**	10	10	10	10	10	10	10	10	10	10	10	10
iDPN N [1]	**1-16**	**10**	20	20	20	20	20	20	20	20	20	20	20	20
	25-40	**10**	16	16	16	16	16	16	16	16	16	16	16	16
iC60N	**0,5-40**	**10**	20	25	30	30	30	30	20	25	30	30	30	30
	50-63	**10**	20	25	30	30	30	30	20	25	25	25	25	25
iC60H	**0,5-40**	**15**	25	36	40	40	40	40	25	30	30	30	30	30
	50-63	**15**	25	36	36	36	36	36	25	25	25	25	25	25
iC60L	**0,5-25**	**25**	25	36	40	40	40	40	25	30	30	30	30	30
	32-40	**20**	25	36	40	40	40	40	25	30	30	30	30	30
	50-63	**15**	25	36	36	36	36	36	25	25	25	25	25	25
C120N	**63-125**	**10**	25	25	25	25	25	25	25	25	25	25	25	25
C120H	**63-125**	**15**	25	25	25	25	25	25	25	25	25	25	25	25
NG125N	**1-125**	**25**		36	36	36	50	70		36	36	36	50	70
NG125H	**1-125**	**36**			40	50	70	100			40	50	70	100
NG125L	**1-80**	**50**			50	70	100	150			50	70	100	150
NSXm E	**16-160**	**16**	25	25	30	30	30	30	25	25	30	30	30	30
NSXm B	**16-160**	**25**		36	36	50	50	50		36	36	50	50	50
NSXm F	**16-160**	**36**			50	70	70	70			50	70	70	70
NSXm N	**16-160**	**50**				70	70	70				70	70	70
NSXm H	**16-160**	**70**												
NSX100B	**16-100**	**25**		36	36	50	50	50		36	36	50	50	50
NSX100F	**16-100**	**36**			50	70	100	150			50	70	100	150
NSX100N	**16-100**	**50**				70	100	150				70	100	150
NSX100H	**16-100**	**70**					100	150					100	150
NSX100S	**16-100**	**100**						150						150
NSX100L	**16-100**	**150**												
NSX160B	**16-160**	**25**		36	36	50	50	50		36	36	50	50	50
NSX160F	**16-160**	**36**			50	70	100	150			50	70	100	150
NSX160N	**16-160**	**50**				70	100	150				70	100	150
NSX160H	**16-160**	**70**					100	150					100	150
NSX160S	**16-160**	**100**						150						150
NSX160L	**16-160**	**150**												
NSX250B	**16-250**	**25**								36	36	50	50	50
NSX250F	**16-250**	**36**									50	70	100	150
NSX250N	**16-250**	**50**										70	100	150
NSX250H	**16-250**	**70**											100	150
NSX250S	**16-250**	**100**												150
NSX250L	**16-250**	**150**												

[1] 230 V phase to neutral

Cascading

Upstream: Compact NSX400, NSX630
Downstream: Compact NSXm, NSX100, NSX160, NSX250, NSX400, NSX630

Ue: 380-415 V AC
(Ph/N 220-240 V AC)

Upstream CB			NSX400					NSX630				
			F	N	H	S	L	F	N	H	S	L
		Icu (kA)	36	50	70	100	150	36	50	70	100	150
Downstream CB												
	Rating (A)	**Icu (kA)**	**Reinforced breaking capacity (kA)**									
NSXm E	**16-160**	**16**	25	30	30	30	30	25	30	30	30	30
NSXm B	**16-160**	**25**	36	36	50	50	50	36	36	50	50	50
NSXm F	**16-160**	**36**		50	70	70	70		50	70	70	70
NSXm N	**16-160**	**50**			70	70	70			70	70	70
NSXm H	**16-160**	**70**										
NSX100B	**16-100**	**25**	36	36	50	50	50	36	36	50	50	50
NSX100F	**16-100**	**36**		50	70	100	150		50	70	100	150
NSX100N	**16-100**	**50**			70	100	150			70	100	150
NSX100H	**16-100**	**70**				100	150				100	150
NSX100S	**16-100**	**100**					150					150
NSX100L	**16-100**	**150**										
NSX160B	**16-160**	**25**	36	36	50	50	50	36	36	50	50	50
NSX160F	**16-160**	**36**		50	70	100	150		50	70	100	150
NSX160N	**16-160**	**50**			70	100	150			70	100	150
NSX160H	**16-160**	**70**				100	150				100	150
NSX160S	**16-160**	**100**					150					150
NSX160L	**16-160**	**150**										
NSX250B	**16-250**	**25**	36	36	50	50	50	36	36	50	50	50
NSX250F	**16-250**	**36**		50	70	100	150		50	70	100	150
NSX250N	**16-250**	**50**			70	100	150			70	100	150
NSX250H	**16-250**	**70**				100	150				100	150
NSX250S	**16-250**	**100**					150					150
NSX250L	**16-250**	**150**										
NSX400F	**250-400**	**36**		50	70	100	150		50	70	100	150
NSX400N	**250-400**	**50**			70	100	150			70	100	150
NSX400H	**250-400**	**70**				100	150				100	150
NSX400S	**250-400**	**100**					150					150
NSX400L	**250-400**	**150**										
NSX630F	**250-630**	**36**							50	70	100	150
NSX630N	**250-630**	**50**								70	100	150
NSX630H	**250-630**	**70**									100	150
NSX630S	**250-630**	**100**										150
NSX630L	**250-630**	**150**										

Cascading

Upstream: Compact NS630b-1600, Compact NS1600-3200, Masterpact MTZ
Downstream: Compact NSX, Compact NS630b-1600

Ue: 380-415 V AC
(Ph/N 220-240 V AC)

Upstream CB	NS630b-1600				NS1600-3200		MTZ1	MTZ2
	N	H	L [1]	LB [2]	N	H	L1	L1
Icu (kA)	50	70	150	200	70	85	150	150

Downstream CB										
	Rating (A)	Icu (kA)	Reinforced breaking capacity (kA)							
NSX100B	16-100	25	50	50	50	50			50	
NSX100F	16-100	36	50	70	150	150			150	
NSX100N	16-100	50		70	150	150			150	
NSX100H	16-100	70			150	150			150	
NSX100S	16-100	100			150	200			150	
NSX100L	16-100	150				200				
NSX160B	16-160	25	50	50	50	50			50	
NSX160F	16-160	36	50	70	150	150			150	
NSX160N	16-160	50		70	150	150			150	
NSX160H	16-160	70			150	150			150	
NSX160S	16-160	100			150	200			150	
NSX160L	16-160	150				200				
NSX250B	16-250	25	50	50	50	50			50	
NSX250F	16-250	36	50	70	150	150			150	
NSX250N	16-250	50		70	150	150			150	
NSX250H	16-250	70			150	150			150	
NSX250S	16-250	100			150	200			150	
NSX250L	16-250	150				200				
NSX400F	250-400	36	50	70	150	150			150	
NSX400N	250-400	50		70	150	150			150	
NSX400H	250-400	70			150	150			150	
NSX400S	250-400	100			150	200			150	
NSX400L	250-400	150				200				
NSX630F	250-630	36	50	70	150	150			150	
NSX630N	250-630	50		70	150	150			150	
NSX630H	250-630	70			150	150			150	
NSX630S	250-630	100			150	200			150	
NSX630L	250-630	150				200				
NS630b-1600N	630-1600	50		70	150	200	70	70	150	65
NS630b-1600H	630-1600	70			150	200			150	

[1] Compact NS630bL, NS800L, NS1000L
[2] Compact NS630bLB, NS800LB

Cascading

Upstream: iC60, NG125, Compact NSXm, NSX100
Downstream: iC60, NG125, Compact NSXm, NSX100

Ue: 440 V AC

Upstream CB	iC60					NG125		
	N	H	L			N	H	L
			≤ 25 A	32-40 A	50-63 A			
Icu (kA)	6	10	20	15	10	20	30	40

Downstream CB										
	Rating (A)	Icu (kA)	Reinforced breaking capacity (kA)							
iC60N	0,5-63	6		10	20	15	10	20	20	20
iC60H	0,5-63	10			20	15		20	25	25
iC60L	0,5-25	20							30	40
	32-40	15						20	30	30
	50-63	10						20	25	25
NG125N	1-125	20							30	40
NG125H	1-125	30								40

Upstream CB	NSXm					NSX100					
	E	B	F	N	H	B	F	N	H	S	L
Icu (kA)	15	20	35	50	65	20	35	50	65	90	130

Downstream CB													
	Rating (A)	Icu (kA)	Reinforced breaking capacity (kA)										
iC60N	0,5-63	6	10	15	15	20	20	15	15	20	20	20	20
iC60H	0,5-63	10		20	20	25	25	20	20	25	25	25	25
iC60L	0,5-25	20				25	25			25	25	25	25
	32-40	15		20	20	25	25	20	20	25	25	25	25
	50-63	10		20	20	25	25	20	20	25	25	25	25
NG125N	1-125	20			35	35	35		35	35	35	50	65
NG125H	1-125	30			35	40	50		35	40	50	65	90
NG125L	1-80	40				50	65			50	65	90	130
NSXm E	16-160	15		20	30	30	30	20	20	30	30	30	30
NSXm B	16-160	20			35	35	50		35	35	50	50	50
NSXm F	16-160	35				50	65			50	65	65	65
NSXm N	16-160	50					65				65	65	65
NSXm H	16-160	65											
NSX100B	16-100	20							35	35	50	50	50
NSX100F	16-100	35								50	65	90	130
NSX100N	16-100	50									65	90	130
NSX100H	16-100	65										90	130
NSX100S	16-100	90											130

Cascading

Upstream: Compact NSX160, NSX250
Downstream: iC60, NG125, Compact NSXm, NSX100, NSX160, NSX250

Ue: 440 V AC

Upstream CB			NSX160						NSX250					
			B	F	N	H	S	L	B	F	N	H	S	L
		Icu (kA)	20	35	50	65	90	130	20	35	50	65	90	130
Downstream CB														
	Rating (A)	Icu (kA)	Reinforced breaking capacity (kA)											
iC60N	**0,5-63**	**6**	15	15	20	20	20	20						
iC60H	**0,5-63**	**10**	20	20	25	25	25	25						
iC60L	**0,5-25**	**20**			25	25	25	25						
	32-40	**15**	20	20	25	25	25	25						
	50-63	**10**	20	20	25	25	25	25						
NG125N	**1-125**	**20**		35	35	35	50	65		35	35	35	50	65
NG125H	**1-125**	**30**		35	40	50	65	90		35	40	50	65	90
NG125L	**1-80**	**40**			50	65	90	130			50	65	90	130
NSXm E	**16-160**	**15**	20	20	30	30	30	30	20	20	30	30	30	30
NSXm B	**16-160**	**20**		35	35	50	50	50		35	35	50	50	50
NSXm F	**16-160**	**35**			50	65	65	65			50	65	65	65
NSXm N	**16-160**	**50**				65	65	65				65	65	65
NSXm H	**16-160**	**65**												
NSX100B	**16-100**	**20**		35	35	50	50	50		35	35	50	50	50
NSX100F	**16-100**	**35**			50	65	90	130			50	65	90	130
NSX100N	**16-100**	**50**				65	90	130				65	90	130
NSX100H	**16-100**	**65**					90	130					90	130
NSX100S	**16-100**	**90**						130						130
NSX100L	**16-100**	**130**												
NSX160B	**16-160**	**20**		35	35	50	50	50		35	35	50	50	50
NSX160F	**16-160**	**35**			50	65	90	130			50	65	90	130
NSX160N	**16-160**	**50**				65	90	130				65	90	130
NSX160H	**16-160**	**65**					90	130					90	130
NSX160S	**16-160**	**90**						130						130
NSX160L	**16-160**	**130**												
NSX250B	**16-250**	**20**								35	35	50	50	50
NSX250F	**16-250**	**35**									50	65	90	130
NSX250N	**16-250**	**50**										65	90	130
NSX250H	**16-250**	**65**											90	130
NSX250S	**16-250**	**90**												130
NSX250L	**16-250**	**130**												

Cascading

Upstream: Compact NSX400, NSX630
Downstream: Compact NSXm, NSX100, NSX160, NSX250, NSX400, NSX630

Ue: 440 V AC

Upstream CB			NSX400					NSX630				
			F	N	H	S	L	F	N	H	S	L
		Icu (kA)	30	42	65	90	130	30	42	65	90	130
Downstream CB												
	Rating (A)	Icu (kA)	Reinforced breaking capacity (kA)									
NSXm E	**16-160**	**10**	20	30	30	30	30	20	30	30	30	30
NSXm B	**16-160**	**20**	30	30	50	50	50	30	30	50	50	50
NSXm F	**16-160**	**35**		42	65	65	65		42	65	65	65
NSXm N	**16-160**	**50**			65	65	65			65	65	65
NSXm H	**16-160**	**65**										
NSX100B	**16-100**	**20**	30	30	50	50	50	30	30	50	50	50
NSX100F	**16-100**	**35**		42	65	90	130		42	65	90	130
NSX100N	**16-100**	**50**			65	90	130			65	90	130
NSX100H	**16-100**	**65**				90	130				90	130
NSX100S	**16-100**	**90**					130					130
NSX100L	**16-100**	**130**										
NSX160B	**16-160**	**20**	30	30	50	50	50	30	30	50	50	50
NSX160F	**16-160**	**35**		42	65	90	130		42	65	90	130
NSX160N	**16-160**	**50**			65	90	130			65	90	130
NSX160H	**16-160**	**65**				90	130				90	130
NSX160S	**16-160**	**90**					130					130
NSX160L	**16-160**	**130**										
NSX250B	**16-250**	**20**	30	30	50	50	50	30	30	50	50	50
NSX250F	**16-250**	**35**		42	65	90	130		42	65	90	130
NSX250N	**16-250**	**50**			65	90	130			65	90	130
NSX250H	**16-250**	**65**				90	130				90	130
NSX250S	**16-250**	**90**					130					130
NSX250L	**16-250**	**130**										
NSX400F	**250-400**	**30**		42	65	90	130		42	65	90	130
NSX400N	**250-400**	**42**			65	90	130			65	90	130
NSX400H	**250-400**	**65**				90	130				90	130
NSX400S	**250-400**	**90**					130					130
NSX400L	**250-400**	**130**										
NSX630F	**250-630**	**30**							42	65	90	130
NSX630N	**250-630**	**42**								65	90	130
NSX630H	**250-630**	**65**									90	130
NSX630S	**250-630**	**90**										130
NSX630L	**250-630**	**130**										

Cascading

Upstream: Compact NS630b-1600, Compact NS1600-3200, Masterpact MTZ
Downstream: Compact NSX, Compact NS630b-1600

Ue: 440 V AC

Upstream CB			NS630b-1600				NS1600-3200		MTZ1	MTZ2
			N	H	L [1]	LB [2]	N	H	L1	L1
		Icu (kA)	50	65	130	200	65	85	130	150
Downstream CB										
	Rating (A)	Icu (kA)	Reinforced breaking capacity (kA)							
NSX100B	**16-100**	**20**	50	50	50	50			50	
NSX100F	**16-100**	**35**	50	65	130	130			130	
NSX100N	**16-100**	**50**		65	130	130			130	
NSX100H	**16-100**	**65**			130	130			130	
NSX100S	**16-100**	**90**			130	200			130	
NSX100L	**16-100**	**130**				200				
NSX160B	**16-160**	**20**	50	50	50	50			50	
NSX160F	**16-160**	**35**	50	65	130	130			130	
NSX160N	**16-160**	**50**		65	130	130			130	
NSX160H	**16-160**	**65**			130	130			130	
NSX160S	**16-160**	**90**			130	200			130	
NSX160L	**16-160**	**130**				200				
NSX250B	**16-250**	**20**	50	50	50	50			50	
NSX250F	**16-250**	**35**	50	65	130	130			130	
NSX250N	**16-250**	**50**		65	130	130			130	
NSX250H	**16-250**	**65**			130	130			130	
NSX250S	**16-250**	**90**			130	200			130	
NSX250L	**16-250**	**130**				200				
NSX400F	**250-400**	**30**	50	65	130	130			130	
NSX400N	**250-400**	**42**		65	130	130			130	
NSX400H	**250-400**	**65**			130	130			130	
NSX400S	**250-400**	**90**			130	200			130	
NSX400L	**250-400**	**130**				200				
NSX630F	**250-630**	**30**	50	65	130	130			130	
NSX630N	**250-630**	**42**		65	130	130			130	
NSX630H	**250-630**	**65**			130	130			130	
NSX630S	**250-630**	**90**			130	200			130	
NSX630L	**250-630**	**130**				200				
NS630b-1600N	**630-1600**	**50**		65	130	200	65	65	130	65
NS630b-1600H	**630-1600**	**65**			130	200			130	

[1] Compact NS630bL, NS800L, NS1000L
[2] Compact NS630bLB, NS800LB

Cascading

Upstream: iC60, C120, NG125, Compact NSXm, NSX100
Downstream: iDPN, iC60, C120, NG125, Compact NSXm, NSX100

Ue: 220-240 V AC
(Ph/N 110-130 V AC)

Upstream CB			iC60					C120		NG125		
			N	H	L			N	H	N	H	L
		Icu (kA)	20	30	50	36	30	20	30	50	70	100
Downstream CB												
	Rating (A)	Icu (kA)	Reinforced breaking capacity (kA)									
iDPN	1-40	10	15	20	30	25	20	15	20	20	40	50
iDPN N	1-40	15	20	30	50	36	30	20	30	30	40	50
iC60N	0,5-25	20		30	50	36	30		30	50	50	50
	32-40	20		30		36	30		30	50	50	50
	50-63	20		30			30		30	50	50	50
iC60H	0,5-25	30			50	36				50	70	70
	32-40	30				36				50	70	70
	50-63	30								50	70	70
iC60L	0,5-25	50									70	100
	32-40	36								50	70	100
	50-63	30								50	70	100
C120N	63-125	20							30	50	70	70
C120H	63-125	30								50	70	70
NG125N	1-125	50									70	70
NG125H	1-125	70										100

Upstream CB			NSXm					NSX100					
			E	B	F	N	H	B	F	N	H	S	L
		Icu (kA)	25	50	85	90	100	40	85	90	100	120	150
Downstream CB													
	Rating (A)	Icu (kA)	Reinforced breaking capacity (kA)										
iDPN	1-40	10	20	20	20	20	20	20	20	20	20	20	20
iDPN N	1-40	15	30	30	30	30	30	30	30	30	30	30	30
iC60N	0,5-63	20	25	40	60	60	60	40	40	60	60	60	60
iC60H	0,5-63	30		50	80	80	80	40	50	80	80	80	80
iC60L	0,5-25	50			80	80	80		65	80	80	80	80
	32-40	36		50	80	80	80	40	65	80	80	80	80
	50-63	30		50	80	80	80	40	65	80	80	80	80
C120N	63-125	20	25	50	50	50	50	40	40	50	50	70	70
C120H	63-125	30		50	50	50	50	40	40	50	50	70	70
NG125N	1-125	50			60	70	70		60	70	70	85	85
NG125H	1-125	70			85	85	85		85	85	85	85	85
NG125L	1-80	100											
NSXm E	16-160	25		50	85	85	85	40	85	85	85	85	85
NSXm B	16-160	50			85	90	100		85	90	100	100	100
NSXm F	16-160	85				90	100			90	100	100	100
NSXm N	16-160	90					100				100	100	100
NSXm H	16-160	100											
NSX100B	16-100	40							85	90	90	100	100
NSX100F	16-100	85								90	100	120	120
NSX100N	16-100	90									100	120	150
NSX100H	16-100	100										120	150
NSX100S	16-100	120											150

Cascading

Upstream: Compact NSX160, NSX250
Downstream: iDPN, iC60, C120, NG125, Compact NSXm, NSX100, NSX160, NSX250

Ue: 220-240 V AC
(Ph/N 110-130 V AC)

Upstream CB			NSX160						NSX250					
			B	F	N	H	S	L	B	F	N	H	S	L
		Icu (kA)	40	85	90	100	120	150	40	85	90	100	120	150
Downstream CB														
	Rating (A)	Icu (kA)	Reinforced breaking capacity (kA)											
iDPN	**1-40**	**10**	20	20	20	20	20	20	20	20	20	20	20	20
iDPN N	**1-16**	**15**	30	30	30	30	30	30	30	30	30	30	30	30
	25-40	**15**	30	30	30	30	30	30	30	30	30	30	30	30
iC60N	**0,5-40**	**20**	40	40	60	60	60	60	40	40	60	60	60	60
	50-63	**20**	40	40	60	60	60	60	40	40	60	60	60	60
iC60H	**0,5-40**	**30**	40	50	80	80	80	80	40	50	65	65	65	65
	50-63	**30**	40	50	80	80	80	80	40	50	65	65	65	65
iC60L	**0,5-25**	**50**		65	80	80	80	80		65	80	80	80	80
	32-40	**36**	40	65	80	80	80	80	40	65	80	80	80	80
	50-63	**30**	40	65	80	80	80	80	40	50	65	65	65	65
C120N	**63-125**	**20**	40	40	50	50	70	70	40	40	50	50	70	70
C120H	**63-125**	**30**	40	40	50	50	70	70	40	40	50	50	70	70
NG125N	**1-125**	**50**		60	70	70	85	85		60	70	70	85	85
NG125H	**1-125**	**70**		85	85	85	85	85		85	85	85	85	85
NG125L	**1-80**	**100**												
NSXm E	**16-160**	**25**	40	85	85	85	85	85	40	85	85	85	85	85
NSXm B	**16-160**	**50**		85	90	100	100	100		85	90	100	100	100
NSXm F	**16-160**	**85**			90	100	100	100			90	100	100	100
NSXm N	**16-160**	**90**				100	100	100				100	100	100
NSXm H	**16-160**	**100**												
NSX100B	**16-100**	**40**		85	90	90	100	100		85	90	90	100	100
NSX100F	**16-100**	**85**			90	100	120	120			90	100	120	120
NSX100N	**16-100**	**90**				100	120	150				100	120	150
NSX100H	**16-100**	**100**					120	150					120	150
NSX100S	**16-100**	**120**						150						150
NSX100L	**16-100**	**150**												
NSX160B	**16-160**	**40**		85	90	90	100	100		85	90	90	100	100
NSX160F	**16-160**	**85**			90	100	120	120			90	100	120	120
NSX160N	**16-160**	**90**				100	120	150				100	120	150
NSX160H	**16-160**	**100**					120	150					120	150
NSX160S	**16-160**	**120**						150						150
NSX160L	**16-160**	**150**												
NSX250B	**16-250**	**40**								85	90	90	100	100
NSX250F	**16-250**	**85**									90	100	120	120
NSX250N	**16-250**	**90**										100	120	150
NSX250H	**16-250**	**100**											120	150
NSX250S	**16-250**	**120**												150
NSX250L	**16-250**	**150**												

Cascading

Upstream: Compact NSX400, NSX630
Downstream: Compact NSX100, NSX160, NSX250, NSX400, NSX630

Ue: 220-240 V AC
(Ph/N 110-130 V AC)

Upstream CB			NSX400					NSX630				
			F	N	H	S	L	F	N	H	S	L
		Icu (kA)	40	85	100	120	150	40	85	100	120	150
Downstream CB												
	Rating (A)	Icu (kA)	Reinforced breaking capacity (kA)									
NSX100B	**16-100**	**40**		85	90	100	100		85	90	100	100
NSX100F	**16-100**	**85**			100	120	150			100	120	150
NSX100N	**16-100**	**90**			100	120	150			100	120	150
NSX100H	**16-100**	**100**				120	150				120	150
NSX100S	**16-100**	**120**					150					150
NSX100L	**16-100**	**150**										
NSX160B	**16-160**	**40**		85	90	100	100		85	90	100	100
NSX160F	**16-160**	**85**			100	120	150			100	120	150
NSX160N	**16-160**	**90**			100	120	150			100	120	150
NSX160H	**16-160**	**100**				120	150				120	150
NSX160S	**16-160**	**120**					150					150
NSX160L	**16-160**	**150**										
NSX250B	**16-250**	**40**		85	90	100	100		85	90	100	100
NSX250F	**16-250**	**85**			100	120	150			100	120	150
NSX250N	**16-250**	**90**			100	120	150			100	120	150
NSX250H	**16-250**	**100**				120	150				120	150
NSX250S	**16-250**	**120**					150					150
NSX250L	**16-250**	**150**										
NSX400F	**250-400**	**40**		85	100	120	150		85	100	120	150
NSX400N	**250-400**	**85**			100	120	150			100	120	150
NSX400H	**250-400**	**100**				120	150			100	120	150
NSX400S	**250-400**	**120**					150				120	150
NSX400L	**250-400**	**150**										
NSX630F	**250-630**	**40**							85	100	120	150
NSX630N	**250-630**	**85**								100	120	150
NSX630H	**250-630**	**100**								100	120	150
NSX630S	**250-630**	**120**									120	150
NSX630L	**250-630**	**150**										

Cascading

Upstream: Compact NS630b-1600, Masterpact MTZ
Downstream: Compact NSX, Compact NS630b-1600

Ue: 220-240 V AC
(Ph/N 110-130 V AC)

Upstream CB	NS630b-1600				MTZ1	MTZ2
	N	H	L [1]	LB [2]	L1	L1
Icu (kA)	50	70	150	200	150	150

Downstream CB								
	Rating (A)	Icu (kA)	Reinforced breaking capacity (kA)					
NSX100B	16-100	40	50	50	50	50	50	
NSX100F	16-100	85			150	150	150	
NSX100N	16-100	90			150	150	150	
NSX100H	16-100	100			150	150	150	
NSX100S	16-100	120			150	200	150	
NSX100L	16-100	150				200		
NSX160B	16-160	40	50	50	50	50	50	
NSX160F	16-160	85			150	150	150	
NSX160N	16-160	90			150	150	150	
NSX160H	16-160	100			150	150	150	
NSX160S	16-160	120			150	200	150	
NSX160L	16-160	150				200		
NSX250B	16-250	40	50	50	50	50	50	
NSX250F	16-250	85			150	150	150	
NSX250N	16-250	90			150	150	150	
NSX250H	16-250	100			150	150	150	
NSX250S	16-250	120			150	200	150	
NSX250L	16-250	150				200		
NSX400F	250-400	40	50	50	150	150	150	
NSX400N	250-400	85			150	150	150	100
NSX400H	250-400	100			150	150	150	
NSX400S	250-400	120			150	200	150	
NSX400L	250-400	150				200		
NSX630F	250-630	40	50	50	150	150	150	
NSX630N	250-630	85			150	150	150	100
NSX630H	250-630	100			150	150	150	
NSX630S	250-630	120			150	200	150	
NSX630L	250-630	150				200		
NS630b-1600N	630-1600	50		70				70

[1] Compact NS630bL, NS800L, NS1000L
[2] Compact NS630bLB, NS800LB

Selectivity enhanced by cascading

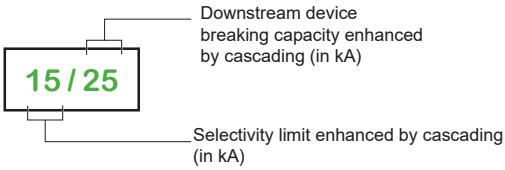
With traditional circuit breakers, cascading between two devices generally results in the loss of selectivity.
With Compact circuit breakers, the selectivity characteristics in the tables remain applicable and are in some cases even enhanced. Protection selectivity is ensured for short-circuit currents greater than the rated breaking capacity of the circuit breaker and even, in some cases, for its enhanced breaking capacity. In the later case, **protection selectivity is total**, i.e. only the downstream device trips for any and all possible faults at its point in the installation.

Example
Consider a combination between:
- a Compact NSX250H with trip unit TM250D
- a Compact NSX100F with trip unit TM25D.

The selectivity tables indicate total selectivity. Protection selectivity is therefore ensured up to the breaking capacity of the NSX100F, i.e. **36 kA**.
The cascading tables indicate an enhanced breaking capacity of **70 kA**.
The enhanced selectivity tables indicate that in a cascading configuration, selectivity is ensured up to **70 kA**, i.e. for any and all possible faults at that point in the installation.

Enhanced selectivity tables - 380-415 V

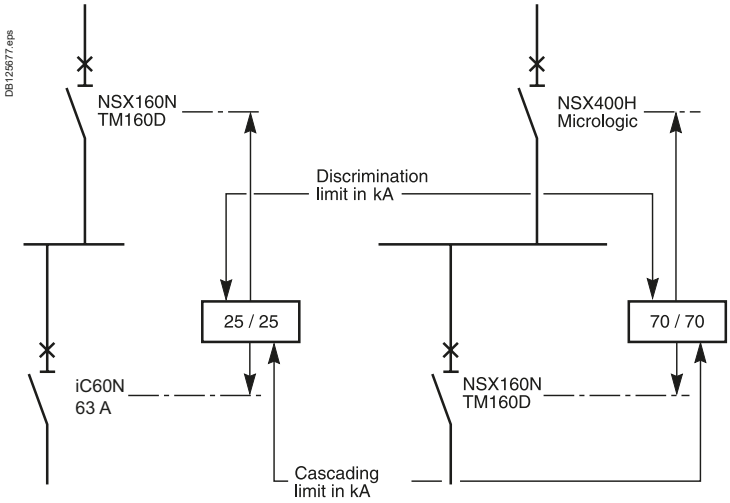
For each combination of two circuit breakers, the tables indicate the:



In a table, a box containing two equal values indicates that selectivity is provided up to the reinforced breaking capacity of the downstream device.
These tables apply only to cases with combined selectivity and cascading between two devices. For all other cases, refer to the normal cascading and selectivity tables.

Technical principle

Enhanced selectivity is the result of the exclusive Compact NSX Roto-active breaking technique which operates as follows:
- due to the short-circuit current (electrodynamic forces), the contacts in both devices simultaneously separate. The result is major limitation of the short-circuit current
- the dissipated energy provokes the reflex tripping of the downstream device, but is insufficient to trip the upstream device.



Note: respect the basic rules of selectivity, in terms of overload, short-circuit, see page 6 and 12.

Selectivity enhanced by cascading

Upstream: Compact NSXm, NSX100, Micrologic
Downstream: iC60

Ue: 380-415 V AC
(Ph/N 220-240 V AC)

Upstream		NSXm														
		B					F					N/H				
	Icu (kA)	25					36					50/70				
	Trip unit	Micrologic 4.1														
Downstream																
Rating (A)		100			160		100			160		100			160	
Setting (kA)		63	80	100	125	160	63	80	100	125	160	63	80	100	125	160
	Rating (A) / Icu (kA)															
iC60N	≤ 16 / 10	20/20	20/20	20/20	20/20	20/20	25/25	25/25	25/25	25/25	25/25	25/30	25/30	25/30	25/30	25/30
	20 / 10	20/20	20/20	20/20	20/20	20/20	25/25	25/25	25/25	25/25	25/25	25/30	25/30	25/30	25/30	25/30
	25 / 10		20/20	20/20	20/20	20/20		25/25	25/25	25/25	25/25		25/30	25/30	25/30	25/30
	32 / 10		20/20	20/20	20/20	20/20		25/25	25/25	25/25	25/25		25/30	25/30	25/30	25/30
	40 / 10		16/20	16/20	16/20	16/20		16/25	16/25	16/25	16/25		16/30	16/30	16/30	16/30
	50 / 10			8/20	8/20	8/20			8/25	8/25	8/25			8/30	8/30	8/30
	63 / 10				8/20	8/20				8/25	8/25				8/30	8/30
iC60H	≤ 16 / 15	25/25	25/25	25/25	25/25	25/25	25/36	25/36	25/36	25/36	25/36	25/36	25/36	25/36	25/36	25/36
	20 / 15	25/25	25/25	25/25	25/25	25/25	25/36	25/36	25/36	25/36	25/36	25/36	25/36	25/36	25/36	25/36
	25 / 15		25/25	25/25	25/25	25/25		25/36	25/36	25/36	25/36		25/36	25/36	25/36	25/36
	32 / 15		25/25	25/25	25/25	25/25		25/36	25/36	25/36	25/36		25/36	25/36	25/36	25/36
	40 / 15		16/25	16/25	16/25	16/25		16/36	16/36	16/36	16/36		16/36	16/36	16/36	16/36
	50 / 15			8/25	8/25	8/25			8/36	8/36	8/36			8/36	8/36	8/36
	63 / 15				8/25	8/25				8/36	8/36				8/36	8/36
iC60L	≤ 16 / 25	25/25	25/25	25/25	25/25	25/25	25/36	25/36	25/36	25/36	25/36	25/36	25/36	25/36	25/36	25/36
	20 / 25	25/25	25/25	25/25	25/25	25/25	25/36	25/36	25/36	25/36	25/36	25/36	25/36	25/36	25/36	25/36
	25 / 25		25/25	25/25	25/25	25/25		25/36	25/36	25/36	25/36		25/36	25/36	25/36	25/36
	32 / 20		25/25	25/25	25/25	25/25		25/36	25/36	25/36	25/36		25/36	25/36	25/36	25/36
	40 / 20		16/25	16/25	16/25	16/25		16/36	16/36	16/36	16/36		16/36	16/36	16/36	16/36
	50 / 15			8/25	8/25	8/25			8/36	8/36	8/36			8/36	8/36	8/36
	63 / 15				8/25	8/25				8/36	8/36				8/36	8/36

Upstream		NSXm														
		B					F					N/H				
	Icu (kA)	25					36					50/70				
	Trip unit	TM-D														
	Rating (A)	≤ 63	80	100	125	160	≤ 63	80	100	125	160	≤ 63	80	100	125	160
Downstream																
	Rating (A) / Icu (kA)	Reinforced breaking capacity (kA)														
iC60N	≤ 16 / 10	-/20	20/20	20/20	20/20	20/20	-/25	25/25	25/25	25/25	25/25	-/30	25/30	25/30	25/30	25/30
	20 / 10	-/20	20/20	20/20	20/20	20/20	-/25	25/25	25/25	25/25	25/25	-/30	25/30	25/30	25/30	25/30
	25 / 10		8/20	20/20	20/20	20/20		8/25	25/25	25/25	25/25		8/30	25/30	25/30	25/30
	32 / 10		3/20	20/20	20/20	20/20		3/25	25/25	25/25	25/25		3/30	25/30	25/30	25/30
	40 / 10		2/20	16/20	16/20	16/20		2/25	16/25	16/25	16/25		2/30	16/30	16/30	16/30
	50 / 10			6/20	8/20	8/20			6/25	8/25	8/25			6/30	8/30	8/30
	63 / 10				8/20	8/20				8/25	8/25				8/30	8/30
iC60H	≤ 16 / 15	-/25	25/25	25/25	25/25	25/25	-/36	25/36	25/36	25/36	25/36	-/36	25/36	25/36	25/36	25/36
	20 / 15	-/25	25/25	25/25	25/25	25/25	-/36	25/36	25/36	25/36	25/36	-/36	25/36	25/36	25/36	25/36
	25 / 15		8/25	25/25	25/25	25/25		8/36	25/36	25/36	25/36		8/36	25/36	25/36	25/36
	32 / 15		3/25	25/25	25/25	25/25		3/36	25/36	25/36	25/36		3/36	25/36	25/36	25/36
	40 / 15		2/25	16/25	16/25	16/25		2/36	16/36	16/36	16/36		2/36	16/36	16/36	16/36
	50 / 15			6/25	8/25	8/25			6/36	8/36	8/36			6/36	8/36	8/36
	63 / 15				8/25	8/25				8/36	8/36				8/36	8/36
iC60L	≤ 16 / 25	-/25	25/25	25/25	25/25	25/25	-/36	25/36	25/36	25/36	25/36	-/36	25/36	25/36	25/36	25/36
	20 / 25	-/25	25/25	25/25	25/25	25/25	-/36	25/36	25/36	25/36	25/36	-/36	25/36	25/36	25/36	25/36
	25 / 25		8/25	25/25	25/25	25/25		8/36	25/36	25/36	25/36		8/36	25/36	25/36	25/36
	32 / 20		3/25	25/25	25/25	25/25		3/36	25/36	25/36	25/36		3/36	25/36	25/36	25/36
	40 / 20		2/25	16/25	16/25	16/25		2/36	16/36	16/36	16/36		2/36	16/36	16/36	16/36
	50 / 15			6/25	8/25	8/25			6/36	8/36	8/36			6/36	8/36	8/36
	63 / 15				8/25	8/25				8/36	8/36				8/36	8/36

Note: respect the basic rules of selectivity, in terms of overload, short-circuit, ground fault and earth leakage when applicable see page 6, or check curves with Schneider Electric online "Electrical calculation tools".

Selectivity enhanced by cascading

Upstream: Compact NSX100, Micrologic
Downstream: iC60

Ue: 380-415 V
(Ph/N 220-240 V AC)

Upstream		NSX100					
		B	F	N	H	S	L
	Icu (kA)	25	36	50	70	100	150
	Trip unit	Micrologic [1]					

Downstream														
Rating (A)			40	100	40	100	40	100	40	100	40	100	40	100
	Rating (A)	Icu (kA)	Reinforced breaking capacity (kA)											
iC60N	≤ 20	10	20/20	20/20	25/25	25/25	30/30	30/30	30/30	30/30	30/30	30/30	30/30	30/30
	25	10	20/20	20/20	25/25	25/25	30/30	30/30	30/30	30/30	30/30	30/30	30/30	30/30
	32	10		20/20		25/25		30/30		30/30		30/30		30/30
	40	10		20/20		25/25		30/30		30/30		30/30		30/30
	50	10		6/20		6/25		6/30		6/30		6/30		6/30
	63	10		6/20		6/25		6/30		6/30		6/30		6/30
iC60H	≤ 20	15	25/25	25/25	36/36	36/36	40/40	40/40	40/40	40/40	40/40	40/40	40/40	40/40
	25	15	25/25	25/25	36/36	36/36	40/40	40/40	40/40	40/40	40/40	40/40	40/40	40/40
	32	15		25/25		36/36		40/40		40/40		40/40		40/40
	40	15		25/25		36/36		40/40		40/40		40/40		40/40
	50	15		6/25		6/36		6/40		6/40		6/40		6/40
	63	15		6/25		6/36		6/40		6/40		6/40		6/40
iC60L	≤ 20	25	25/25	25/25	36/36	36/36	40/40	40/40	40/40	40/40	40/40	40/40	40/40	40/40
	25	25	25/25	25/25	36/36	36/36	40/40	40/40	40/40	40/40	40/40	40/40	40/40	40/40
	32	20		25/25		36/36		40/40		40/40		40/40		40/40
	40	20		25/25		36/36		40/40		40/40		40/40		40/40
	50	15		6/25		6/36		6/40		6/40		6/40		6/40
	63	15		6/25		6/36		6/40		6/40		6/40		6/40

Note: respect the basic rules of selectivity, in terms of overload, short-circuit, ground fault and earth leakage when applicable see page 6, or check curves with Schneider Electric online "Electrical calculation tools".
[1] Applicable for all "Distribution" Micrologic of Compact NSX range: 2.2 4.2, 5.2, 6.2, 7.2. For 4.2 and 7.2 selectivity rules for RCD apply in addition. Applicable for Generators and Service connection (G and AB type) Micrologic of Compact NSX range but curves shall be checked. Not applicable for "Motor" Micrologic of Compact NSX range ("M" type).

Selectivity enhanced by cascading

Upstream: Compact NSX160, NSX250, Micrologic
Downstream: iC60, C120, NG125, Compact NSXm, NSX100

Ue: 380-415 V AC
(Ph/N 220-240 V AC)

Upstream			NSX160											
			B		F		N		H		S		L	
		Icu (kA)	25		36		50		70		100		150	
		Trip unit	Micrologic [1]											
Downstream Rating (A)			**100**	**160**	**100**	**160**	**100**	**160**	**100**	**160**	**100**	**160**	**100**	**160**
	Rating (A)	**Icu (kA)**	**Reinforced breaking capacity (kA)**											
iC60N	**≤ 20**	**10**	20/20	20/20	25/25	25/25	30/30	30/30	30/30	30/30	30/30	30/30	30/30	30/30
	25	**10**	20/20	20/20	25/25	25/25	30/30	30/30	30/30	30/30	30/30	30/30	30/30	30/30
	32	**10**	20/20	20/20	25/25	25/25	30/30	30/30	30/30	30/30	30/30	30/30	30/30	30/30
	40	**10**	20/20	20/20	25/25	25/25	30/30	30/30	30/30	30/30	30/30	30/30	30/30	30/30
	50	**10**	6/20	20/20	6/25	25/25	6/30	30/30	6/30	30/30	6/30	30/30	6/30	30/30
	63	**10**	6/20	20/20	6/25	25/25	6/30	30/30	6/30	30/30	6/30	30/30	6/30	30/30
iC60H	**20**	**15**	25/25	25/25	36/36	36/36	40/40	40/40	40/40	40/40	40/40	40/40	40/40	40/40
	25	**15**	25/25	25/25	36/36	36/36	40/40	40/40	40/40	40/40	40/40	40/40	40/40	40/40
	32	**15**	25/25	25/25	36/36	36/36	40/40	40/40	40/40	40/40	40/40	40/40	40/40	40/40
	40	**15**	25/25	25/25	36/36	36/36	40/40	40/40	40/40	40/40	40/40	40/40	40/40	40/40
	50	**15**	6/25	25/25	6/36	36/36	6/36	36/36	6/36	36/36	6/36	36/36	6/36	36/36
	63	**15**	6/25	25/25	6/36	36/36	6/36	36/36	6/36	36/36	6/36	36/36	6/36	36/36
iC60L	**≤ 20**	**25**	25/25	25/25	36/36	36/36	40/40	40/40	40/40	40/40	40/40	40/40	40/40	40/40
	25	**25**	25/25	25/25	36/36	36/36	40/40	40/40	40/40	40/40	40/40	40/40	40/40	40/40
	32	**20**	25/25	25/25	36/36	36/36	40/40	40/40	40/40	40/40	40/40	40/40	40/40	40/40
	40	**20**	25/25	25/25	36/36	36/36	40/40	40/40	40/40	40/40	40/40	40/40	40/40	40/40
	50	**15**	6/25	25/25	6/36	36/36	6/36	36/36	6/36	36/36	6/36	36/36	6/36	36/36
	63	**15**	6/25	25/25	6/36	36/36	6/36	36/36	6/36	36/36	6/36	36/36	6/36	36/36

Upstream			NSX250					
			B	F	N	H	S	L
		Icu (kA)	25	36	50	70	100	150
		Trip unit	Micrologic [1]					
Downstream Rating (A)			**250**	**250**	**250**	**250**	**250**	**250**
	Rating (A)	**Icu (kA)**	**Reinforced breaking capacity (kA)**					
iC60N	**≤ 40**	**10**	20/20	25/25	30/30	30/30	30/30	30/30
	50-63A	**10**	20/20	25/25	25/25	25/25	25/25	25/25
iC60H	**≤ 40**	**15**	25/25	30/30	30/30	30/30	30/30	30/30
	50-63A	**15**	25/25	25/25	25/25	25/25	25/25	25/25
iC60L	**≤ 25**	**25**	25/25	30/30	30/30	30/30	30/30	30/30
	32-40	**20**	25/25	30/30	30/30	30/30	30/30	30/30
	50-63	**15**	25/25	25/25	25/25	25/25	25/25	25/25
C120N		**10**	25/25	25/25	25/25	25/25	25/25	25/25
C120H		**15**	25/25	25/25	25/25	25/25	25/25	25/25
NG125N		**25**		36/36	36/36	36/36	50/50	70/70
NG125H		**36**			40/40	50/50	70/70	100/100
NG125L		**50**				70/70	100/100	150/150
NSXm E		**16**	25/25	25/25	30/30	30/30	30/30	30/30
NSXm B		**25**		36/36	36/36	36/36	36/36	36/36
NSXm F		**36**			50/50	50/50	70/70	70/70
NSXm N		**50**				70/70	70/70	70/70
NSX100B	**≤ 25**	**25**		36/36	36/36	50/50	50/50	50/50
TM-D	**40-100**	**25**		36/36	36/36	36/50	36/50	36/50
NSX100F	**≤ 25**	**36**			50/50	70/70	100/100	150/150
TM-D	**40-100**	**36**			36/50	36/70	36/100	36/150
NSX100N	**≤ 25**	**50**				70/70	100/100	150/150
TM-D	**40-100**	**50**				36/70	36/100	36/150
NSX100H	**≤ 25**	**70**					100/100	150/150
TM-D	**40-100**	**70**					36/100	36/150
NSX100S	**≤ 25**	**100**						150/150
TM-D	**40-100**	**100**						36/150
NSX100B Micrologic		**25**		36/36	36/50	36/50	36/50	36/50
NSX100F Micrologic		**36**				36/70	36/100	36/150
NSX100N Micrologic		**50**				36/70	36/100	36/150
NSX100H Micrologic		**70**					36/100	36/150
NSX100S Micrologic		**100**						36/150

Note: respect the basic rules of selectivity, in terms of overload, short-circuit, ground fault and earth leakage when applicable see page 6, or check curves with Schneider Electric online "Electrical calculation tools".
[1] Applicable for all "Distribution" Micrologic of Compact NSX range: 2.2 4.2, 5.2, 6.2, 7.2. For 4.2 and 7.2 selectivity rules for RCD apply in addition. Applicable for Generators and Service connection (G and AB type) Micrologic of Compact NSX range but curves shall be checked. Not applicable for "Motor" Micrologic of Compact NSX range ("M" type).

Selectivity enhanced by cascading

Upstream: Compact NSX160, NSX250, TM-D
Downstream: iC60, C120, NG125, Compact NSXm, NSX100

Ue: 380-415 V AC
(Ph/N 220-240 V AC)

Upstream			NSX160											
			B		F		N		H		S		L	
		Icu (kA)	25		36		50		70		100		150	
		Trip unit	TM-D											
Downstream Rating (A)			≤ 100	125-160	≤ 100	125-160	≤ 100	125-160	≤ 100	125-160	≤ 100	125-160	≤ 100	125-160
	Rating (A)	Icu (kA)	Reinforced breaking capacity (kA)											
iC60N	≤ 20	10	-/20	20/20	-/25	25/25	-/30	30/30	-/30	30/30	-/30	30/30	-/30	30/30
	25	10	-/20	20/20	-/25	25/ 25	-/30	30/30	-/30	30/30	-/30	30/30	-/30	30/30
	32	10	-/20	20/20	-/25	25/25	-/30	30/30	-/30	30/30	-/30	30/30	-/30	30/30
	40	10	-/20	20/20	-/25	25/25	-/30	30/30	-/30	30/30	-/30	30/30	-/30	30/30
	50	10	-/20	20/20	-/25	25/25	-/30	30/30	-/30	30/30	-/30	30/30	-/30	30/30
	63	10	-/20	20/20	-/25	25/25	-/30	30/30	-/30	30/30	-/30	30/30	-/30	30/30
iC60H	≤ 20	15	-/25	25/25	-/36	36/36	-/40	40/40	-/40	40/40	-/40	40/40	-/40	40/40
	25	15	-/25	25/25	-/36	36/36	-/40	40/40	-/40	40/40	-/40	40/40	-/40	40/40
	32	15	-/25	25/25	-/36	36/36	-/40	40/40	-/40	40/40	-/40	40/40	-/40	40/40
	40	15	-/25	25/25	-/36	36/36	-/40	40/40	-/40	40/40	-/40	40/40	-/40	40/40
	50	15	-/25	25/25	-/36	36/36	-/36	36/36	-/36	36/36	-/36	36/36	-/36	36/36
	63	15	-/25	25/25	-/36	36/36	-/36	36/36	-/36	36/36	-/36	36/36	-/36	36/36
iC60L	≤ 20	25	-/25	25/25	-/36	36/36	-/40	40/40	-/40	40/40	-/40	40/40	-/40	40/40
	25	25	-/25	25/25	-/36	36/36	-/40	40/40	-/40	40/40	-/40	40/40	-/40	40/40
	32	20	-/25	25/25	-/36	36/36	-/40	40/40	-/40	40/40	-/40	40/40	-/40	40/40
	40	20	-/25	25/25	-/36	36/36	-/40	40/40	-/40	40/40	-/40	40/40	-/40	40/40
	50	15	-/25	25/25	-/36	36/36	-/36	36/36	-/36	36/36	-/36	36/36	-/36	36/36
	63	15	-/25	25/25	-/36	36/36	-/36	36/36	-/36	36/36	-/36	36/36	-/36	36/36

Upstream			NSX250					
			B	F	N	H	S	L
		Icu (kA)	25	36	50	70	100	130
		Trip unit	TM-D					
Downstream Rating (A)			200-250	200-250	200-250	200-250	200-250	200-250
	Rating (A)	Icu (kA)	Reinforced breaking capacity (kA)					
iC60N	≤ 40	10	20/20	25/25	30/30	30/30	30/30	30/30
	50-63	10	20/20	25/25	25/25	25/25	25/25	25/25
iC60H	≤ 40	15	25/25	30/30	30/30	30/30	30/30	30/30
	50-63	15	25/25	25/25	25/25	25/25	25/25	25/25
iC60L	≤ 25	25	25/25	30/30	30/30	30/30	30/30	30/30
	32-40	20	25/25	30/30	30/30	30/30	30/30	30/30
	50-63	15	25/25	25/25	25/25	25/25	25/25	25/25
C120N		10	25/25	25/25	25/25	25/25	25/25	25/25
C120H		15	25/25	25/25	25/25	25/25	25/25	25/25
NG125N		25		36/36	36/36	36/36	50/50	70/70
NG125H		36			40/40	50/50	70/70	100/100
NG125L		50				70/70	100/100	150/150
NSXm E	≤ 125	16	25/25	25/25	30/30	30/30	30/30	30/30
NSXm B	≤ 125	25		36/36	36/36	36/36	36/36	36/36
NSXm F	≤ 125	36			50/50	70/70	70/70	70/70
NSXm N	≤ 125	50				70/70	70/70	70/70
NSX100B	≤ 25	25		36/36	36/36	50/50	50/50	50/50
TM-D	40 - 100	25		36/36	36/36	36/50	36/50	36/50
NSX100F	≤ 25	36			50/50	70/70	100/100	150/150
TM-D	40 - 100	36			36/50	36/70	36/100	36/150
NSX100N	≤ 25	50				70/70	100/100	150/150
TM-D	40 - 100	50				36/70	36/100	36/150
NSX100H	≤ 25	70					100/100	150/150
TM-D	40 - 100	70					36/100	36/150
NSX100S	≤ 25	100						150/150
TM-D	40 - 100	70						36/150
NSX100B Micrologic		25		2/36	2/36	2/50	2/50	2/50
NSX100F Micrologic		36			2/50	2/70	2/100	2/150
NSX100N Micrologic		50				2/70	2/100	2/150
NSX100H Micrologic		70					2/100	2/150
NSX100S Micrologic		100						2/150

Note: respect the basic rules of selectivity, in terms of overload, short-circuit, ground fault and earth leakage when applicable see page 6, or check curves with Schneider Electric online "Electrical calculation tools".

Selectivity enhanced by cascading

Upstream: Compact NSX400, NSX630, Micrologic
Downstream: Compact NSXm, NSX100, NSX160, NSX250

Ue: 380-415 V AC
(Ph/N 220-240 V AC)

Upstream			NSX400					NSX630				
			F	N	H	S	L	F	N	H	S	L
		Icu (kA)	36	50	70	100	150	36	50	70	100	150
		Trip unit	Micrologic [1]									
Downstream												
Rating (A)			**400**	**400**	**400**	**400**	**400**	**630**	**630**	**630**	**630**	**630**
	Trip unit	**Icu (kA)**	**Reinforced breaking capacity (kA)**									
NSXm E	**TM-D**	**16**	25/25	30/30	30/30	30/30	30/30	25/25	30/30	30/30	30/30	30/30
NSXm B	**TM-D**	**25**	36/36	36/36	50/50	50/50	50/50	36/36	36/36	50/50	50/50	50/50
NSXm F	**TM-D**	**36**		50/50	70/70	70/70	70/70		50/50	70/70	70/70	70/70
NSXm N	**TM-D**	**50**			70/70	70/70	70/70			70/70	70/70	70/70
NSXm E	**Micrologic**	**16**	25/25	30/30	30/30	30/30	30/30	25/25	30/30	30/30	30/30	30/30
NSXm B	**Micrologic**	**25**	36/36	36/36	50/50	50/50	50/50	36/36	36/36	50/50	50/50	50/50
NSXm F	**Micrologic**	**36**		50/50	70/70	70/70	70/70		50/50	70/70	70/70	70/70
NSXm N	**Micrologic**	**50**			70/70	70/70	70/70			70/70	70/70	70/70
NSX100B	**TM-D**	**25**	36/36	36/36	50/50	50/50	50/50	36/36	36/36	50/50	50/50	50/50
NSX100F	**TM-D**	**36**		50/50	70/70	100/100	150/150		50/50	70/70	100/100	150/150
NSX100N	**TM-D**	**50**			70/70	100/100	150/150			70/70	100/100	150/150
NSX100H	**TM-D**	**70**				100/100	150/150				100/100	150/150
NSX100S	**TM-D**	**100**					150/150					150/150
NSX160B	**TM-D**	**25**	36/36	36/36	50/50	50/50	50/50	36/36	36/36	50/50	50/50	50/50
NSX160F	**TM-D**	**36**		50/50	70/70	100/100	150/150		50/50	70/70	100/100	150/150
NSX160N	**TM-D**	**50**			70/70	100/100	150/150			70/70	100/100	150/150
NSX160H	**TM-D**	**70**				100/100	150/150				100/100	150/150
NSX160S	**TM-D**	**100**					150/150					150/150
NSX250B	**TM-D**	**25**						36/36	36/36	50/50	50/50	50/50
NSX250F	**TM-D**	**36**							50/50	70/70	100/100	150/150
NSX250N	**TM-D**	**50**								70/70	100/100	150/150
NSX250H	**TM-D**	**70**									100/100	150/150
NSX250S	**TM-D**	**100**										150/150
NSX100B	**Micrologic**	**25**	36/36	36/36	50/50	50/50	50/50	36/36	36/36	50/50	50/50	50/50
NSX100F	**Micrologic**	**36**		50/50	70/70	100/100	150/150		50/50	70/70	100/100	150/150
NSX100N	**Micrologic**	**50**			70/70	100/100	150/150			70/70	100/100	150/150
NSX100H	**Micrologic**	**70**				100/100	150/150				100/100	150/150
NSX100S	**Micrologic**	**100**					150/150					150/150
NSX160B	**Micrologic**	**25**	36/36	36/36	50/50	50/50	50/50	36/36	36/36	50/50	50/50	50/50
NSX160F	**Micrologic**	**36**		50/50	70/70	100/100	150/150		50/50	70/70	100/100	150/150
NSX160N	**Micrologic**	**50**			70/70	100/100	150/150			70/70	100/100	150/150
NSX160H	**Micrologic**	**70**				100/100	150/150				100/100	150/150
NSX160S	**Micrologic**	**100**					150/150					150/150
NSX250B	**Micrologic**	**25**						36/36	36/36	50/50	50/50	50/50
NSX250F	**Micrologic**	**36**							50/50	70/70	100/100	150/150
NSX250N	**Micrologic**	**50**								70/70	100/100	150/150
NSX250H	**Micrologic**	**70**									100/100	150/150
NSX250S	**Micrologic**	**100**										150/150

Note: respect the basic rules of selectivity, in terms of overload, short-circuit, ground fault and earth leakage when applicable see page 6, or check curves with Schneider Electric online "Electrical calculation tools".
[1] Applicable for all "Distribution" Micrologic of Compact NSX range: 2.3 4.3, 5.3, 6.3, 7.3. For 4.3 and 7.3 selectivity rules for RCD apply in addition. Applicable for Generators and Service connection (G and AB type) Micrologic of Compact NSX range but curves shall be checked Not applicable for "Motor" Micrologic of Compact NSX range ("M" type).

Selectivity enhanced by cascading

Upstream: Compact NS800, NS1000, NS1250, NS1600, Micrologic
Downstream: Compact NSX100, NSX160, NSX250, NSX400, NSX630

Ue: 380-415 V AC
(Ph/N 220-240 V AC)

Upstream			NS800				NS1000			NS1250		NS1600	
			N	H	L	LB	N	H	L	N	H	N	H
		Icu (kA)	50	70	150	200	50	70	150	50	70	50	70
		Trip unit	Micrologic										
Downstream													
Rating (A)			**800**	**800**	**800**	**800**	**1000**	**1000**	**1000**	**1250**	**1250**	**1600**	**1600**
	Trip unit	**Icu (kA)**	**Reinforced breaking capacity (kA)**										
NSX100B	**TM-D / Micrologic**	**25**	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50
NSX100F	**TM-D / Micrologic**	**36**	50/50	70/70	150/150	150/150	50/50	70/70	150/150	50/50	70/70	50/50	70/70
NSX100N	**TM-D / Micrologic**	**50**		70/70	150/150	150/150		70/70	150/150		70/70		70/70
NSX100H	**TM-D / Micrologic**	**70**			150/150	150/150			150/150				
NSX100S	**TM-D / Micrologic**	**100**			150/150	200/200			150/150				
NSX100L	**TM-D / Micrologic**	**150**				200/200							
NSX160B	**TM-D / Micrologic**	**25**	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50
NSX160F	**TM-D / Micrologic**	**36**	50/50	70/70	150/150	150/150	50/50	70/70	150/150	50/50	70/70	50/50	70/70
NSX160N	**TM-D / Micrologic**	**50**		70/70	150/150	150/150		70/70	150/150		70/70		70/70
NSX160H	**TM-D / Micrologic**	**70**			150/150	150/150			150/150				
NSX160S	**TM-D / Micrologic**	**100**			150/150	200/200			150/150				
NSX160L	**TM-D / Micrologic**	**150**				200/200							
NSX250B	**TM-D / Micrologic**	**25**	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50
NSX250F	**TM-D / Micrologic**	**36**	50/50	70/70	150/150	150/150	50/50	70/70	150/150	50/50	70/70	50/50	70/70
NSX250N	**TM-D / Micrologic**	**50**		70/70	150/150	150/150		70/70	150/150		70/70		70/70
NSX250H	**TM-D / Micrologic**	**70**			150/150	150/150			150/150				
NSX250S	**TM-D / Micrologic**	**100**			150/150	200/200			150/150				
NSX250L	**TM-D / Micrologic**	**150**				200/200							
NSX400F	**Micrologic**	**36**	50/50	70/70	10/150	10/150	50/50	70/70	15/150	50/50	70/70	50/50	70/70
NSX400N	**Micrologic**	**50**		70/70	10/150	10/150		70/70	15/150		70/70		70/70
NSX400H	**Micrologic**	**70**			10/150	10/150			15/150				
NSX400S	**Micrologic**	**100**			10/150	10/200			15/150				
NSX400L	**Micrologic**	**150**				10/200							
NSX630F	**Micrologic**	**36**					50/50	65/70	10/150	50/50	65/70	50/50	65/70
NSX630N	**Micrologic**	**50**						65/70	10/150		65/70		65/70
NSX630H	**Micrologic**	**70**							10/150				
NSX630S	**Micrologic**	**100**							10/150				

Note: respect the basic rules of selectivity, in terms of overload, short-circuit, ground fault and earth leakage when applicable see page 6, or check curves with Schneider Electric online "Electrical calculation tools".

Selectivity enhanced by cascading

Upstream: Compact NSXm, Micrologic, TM-D
Downstream: iC60

Ue: 440 V AC

Upstream		NSXm		
		B	F	N/H
	Icu (kA)	20	35	50/65
	Trip unit	Micrologic 4.1		

Downstream																	
Rating (A)			100			160		100			160		100			160	
Setting (kA)			63	80	100	125	160	63	80	100	125	160	63	80	100	125	160
	Rating (A)	Icu (kA)															
iC60N	≤ 16	6	15/15	15/15	15/15	15/15	15/15	15/15	15/15	15/15	15/15	15/15	20/20	20/20	20/20	20/20	20/20
	20	6	15/15	15/15	15/15	15/15	15/15	15/15	15/15	15/15	15/15	15/15	20/20	20/20	20/20	20/20	20/20
	25	6		15/15	15/15	15/15	15/15		15/15	15/15	15/15	15/15		20/20	20/20	20/20	20/20
	32	6		15/15	15/15	15/15	15/15		15/15	15/15	15/15	15/15		20/20	20/20	20/20	20/20
	40	6		15/15	15/15	15/15	15/15		15/15	15/15	15/15	15/15		16/20	16/20	16/20	16/20
	50	6			8/15	8/15	8/15			8/15	8/15	8/15			8/20	8/20	8/20
	63	6				8/15	8/15				8/15	8/15				8/20	8/20
iC60H	≤ 16	10	20/20	20/20	20/20	20/20	20/20	20/20	20/20	20/20	20/20	20/20	25/25	25/25	25/25	25/25	25/25
	20	10	20/20	20/20	20/20	20/20	20/20	20/20	20/20	20/20	20/20	20/20	25/25	25/25	25/25	25/25	25/25
	25	10		20/20	20/20	20/20	20/20		20/20	20/20	20/20	20/20		25/25	25/25	25/25	25/25
	32	10		20/20	20/20	20/20	20/20		20/20	20/20	20/20	20/20		25/25	25/25	25/25	25/25
	40	10		16/20	16/20	16/20	16/20		16/20	16/20	16/20	16/20		16/25	16/25	16/25	16/25
	50	10			8/20	8/20	8/20			8/20	8/20	8/20			8/25	8/25	8/25
	63	10				8/20	8/20				8/20	8/20				8/25	8/25
iC60L	≤ 16	20	20/20	20/20	20/20	20/20	20/20	20/20	20/20	20/20	20/20	20/20	25/25	25/25	25/25	25/25	25/25
		20	20/20	20/20	20/20	20/20	20/20	20/20	20/20	20/20	20/20	20/20	25/25	25/25	25/25	25/25	25/25
		25		20/20	20/20	20/20	20/20		20/20	20/20	20/20	20/20		25/25	25/25	25/25	25/25
		32		20/20	20/20	20/20	20/20		20/20	20/20	20/20	20/20		25/25	25/25	25/25	25/25
		40		16/20	16/20	16/20	16/20		16/20	16/20	16/20	16/20		16/25	16/25	16/25	16/25
		50			8/20	8/20	8/20			8/20	8/20	8/20			8/25	8/25	8/25
		63				8/20	8/20				8/20	8/20				8/25	8/25

Upstream		NSXm		
		B	F	N / H
	Icu (kA)	20	35	50 / 65
	Trip unit	TM-D		

Downstream																	
Rating (A)			≤ 63	80	100	125	160	≤ 63	80	100	125	160	≤ 63	80	100	125	160
	Rating (A)	Icu (kA)	Reinforced breaking capacity (kA)														
iC60N	≤ 16	6	-/15	15/15	15/15	15/15	15/15	-/15	15/15	15/15	15/15	15/15	-/20	20/20	20/20	20/20	20/20
	20	6	-/15	15/15	15/15	15/15	15/15	-/15	15/15	15/15	15/15	15/15	-/20	20/20	20/20	20/20	20/20
	25	6		8/15	15/15	15/15	15/15		8/15	15/15	15/15	15/15		8/20	20/20	20/20	20/20
	32	6		3/15	15/15	15/15	15/15		3/15	15/15	15/15	15/15		3/20	20/20	20/20	20/20
	40	6		2/15	15/15	15/15	15/15		2/15	15/15	15/15	15/15		2/20	16/20	16/20	16/20
	50	6			6/15	8/15	8/15			6/15	8/15	8/15			6/20	8/20	8/20
	63	6				8/15	8/15				8/15	8/15				8/20	8/20
iC60H	≤ 16	10	-/20	20/20	20/20	20/20	20/20	-/20	20/20	20/20	20/20	20/20	-/25	25/25	25/25	25/25	25/25
	20	10	-/20	20/20	20/20	20/20	20/20	-/20	20/20	20/20	20/20	20/20	-/25	25/25	25/25	25/25	25/25
	25	10		8/20	20/20	20/20	20/20		8/20	20/20	20/20	20/20		8/25	25/25	25/25	25/25
	32	10		3/20	20/20	20/20	20/20		3/20	20/20	20/20	20/20		3/25	25/25	25/25	25/25
	40	10		2/20	16/20	16/20	16/20		2/20	16/20	16/20	16/20		2/25	16/25	16/25	16/25
	50	10			6/20	8/20	8/20			6/20	8/20	8/20			6/25	8/25	8/25
	63	10				8/20	8/20				8/20	8/20				8/25	8/25
iC60L	≤ 16	20	-/20	20/20	20/20	20/20	20/20	-/20	20/20	20/20	20/20	20/20	-/25	25/25	25/25	25/25	25/25
	20	20	-/20	20/20	20/20	20/20	20/20	-/20	20/20	20/20	20/20	20/20	-/25	25/25	25/25	25/25	25/25
	25	20		8/20	20/20	20/20	20/20		8/20	20/20	20/20	20/20		8/25	25/25	25/25	25/25
	32	15		3/20	20/20	20/20	20/20		3/20	20/20	20/20	20/20		3/25	25/25	25/25	25/25
	40	15		2/20	16/20	16/20	16/20		2/20	16/20	16/20	16/20		2/25	16/25	16/25	16/25
	50	10			6/20	8/20	8/20			6/20	8/20	8/20			6/25	8/25	8/25
	63	10				8/20	8/20				8/20	8/20				8/25	8/25

Note: respect the basic rules of selectivity, in terms of overload, short-circuit, ground fault and earth leakage when applicable see page 6, or check curves with Schneider Electric online "Electrical calculation tools".

Selectivity enhanced by cascading

Upstream: Compact NSX100, Micrologic
Downstream: iC60

Ue: 440 V AC

Upstream			NSX100											
			B		F		N		H		S		L	
		Icu (kA)	20		35		50		65		90		130	
		Trip unit	Micrologic [1]											
Downstream														
Rating (A)			**40**	**100**	**40**	**100**	**40**	**100**	**40**	**100**	**40**	**100**	**40**	**100**
	Rating (A)	**Icu (kA)**	**Reinforced breaking capacity (kA)**											
iC60N	**≤ 20**	**6**	15/15	15/15	15/15	15/15	20/20	20/20	20/20	20/20	20/20	20/20	20/20	20/20
	25	**6**	15/15	15/15	15/15	15/15	20/20	20/20	20/20	20/20	20/20	20/20	20/20	20/20
	32	**6**		15/15		15/15		20/20		20/20		20/20		20/20
	40	**6**		15/15		15/15		20/20		20/20		20/20		20/20
	50	**6**		6/15		6/15		6/20		6/20		6/20		6/20
	63	**6**		6/15		6/15		6/20		6/20		6/20		6/20
iC60H	**≤ 20**	**10**	20/20	20/20	20/20	20/20	25/25	25/25	25/25	25/25	25/25	25/25	25/25	25/25
	25	**10**	20/20	20/20	20/20	20/20	25/25	25/25	25/25	25/25	25/25	25/25	25/25	25/25
	32	**10**		20/20		20/20		25/25		25/25		25/25		25/25
	40	**10**		20/20		20/20		25/25		25/25		25/25		25/25
	50	**10**		6/20		6/20		6/25		6/25		6/25		6/25
	63	**10**		6/20		6/20		6/25		6/25		6/25		6/25
iC60L	**≤ 20**	**20**	20/20	20/20	20/20	20/20	25/25	25/25	25/25	25/25	25/25	25/25	25/25	25/25
	25	**20**	20/20	20/20	20/20	20/20	25/25	25/25	25/25	25/25	25/25	25/25	25/25	25/25
	32	**15**		20/20		20/20		25/25		25/25		25/25		25/25
	40	**15**		20/20		20/20		25/25		25/25		25/25		25/25
	50	**10**		6/20		6/20		6/25		6/25		6/25		6/25
	63	**10**		6/20		6/20		6/25		6/25		6/25		6/25

Note: respect the basic rules of selectivity, in terms of overload, short-circuit, ground fault and earth leakage when applicable see page 6, or check curves with Schneider Electric online "Electrical calculation tools".
[1] Applicable for all "Distribution" Micrologic of Compact NSX range: 2.2 4.2, 5.2, 6.2, 7.2. For 4.2 and 7.2 selectivity rules for RCD apply in addition. Applicable for Generators and Service connection (G and AB type) Micrologic of Compact NSX range but curves shall be checked. Not applicable for "Motor" Micrologic of Compact NSX range ("M" type).

Selectivity enhanced by cascading

Upstream: Compact NSX160, NSX250, Micrologic
Downstream: iC60, NG125, Compact NSXm

Ue: 440 V AC

Upstream		NSX160					
		B	F	N	H	S	L
	Icu (kA)	20	35	50	65	90	130
	Trip unit	Micrologic [1]					

Downstream Rating (A)			100	160	100	160	100	160	100	160	100	160	100	160
	Rating (A)	Icu (kA)	Reinforced breaking capacity (kA)											
iC60N	≤ 20	6	15/15	15/15	15/15	15/15	20/20	20/20	20/20	20/20	20/20	20/20	20/20	20/20
	25	6	15/15	15/15	15/15	15/15	20/20	20/20	20/20	20/20	20/20	20/20	20/20	20/20
	32	6	15/15	15/15	15/15	15/15	20/20	20/20	20/20	20/20	20/20	20/20	20/20	20/20
	40	6	15/15	15/15	15/15	15/15	20/20	20/20	20/20	20/20	20/20	20/20	20/20	20/20
	50	6	6/15	15/15	6/15	15/15	6/20	20/20	6/20	20/20	6/20	20/20	6/20	20/20
	63	6	6/15	15/15	6/15	15/15	6/20	20/20	6/20	20/20	6/20	20/20	6/20	20/20
iC60H	20	10	20/20	20/20	20/20	20/20	25/25	25/25	25/25	25/25	25/25	25/25	25/25	25/25
	25	10	20/20	20/20	20/20	20/20	25/25	25/25	25/25	25/25	25/25	25/25	25/25	25/25
	32	10	20/20	20/20	20/20	20/20	25/25	25/25	25/25	25/25	25/25	25/25	25/25	25/25
	40	10	20/20	20/20	20/20	20/20	25/25	25/25	25/25	25/25	25/25	25/25	25/25	25/25
	50	10	6/20	20/20	6/20	20/20	6/25	25/25	6/25	25/25	6/25	25/25	6/25	25/25
	63	10	6/20	20/20	6/20	20/20	6/25	25/25	6/25	25/25	6/25	25/25	6/25	25/25
iC60L	≤ 20	20	20/20	20/20	20/20	20/20	25/25	25/25	25/25	25/25	25/25	25/25	25/25	25/25
	25	20	20/20	20/20	20/20	20/20	25/25	25/25	25/25	25/25	25/25	25/25	25/25	25/25
	32	15	20/20	20/20	20/20	20/20	25/25	25/25	25/25	25/25	25/25	25/25	25/25	25/25
	40	15	20/20	20/20	20/20	20/20	25/25	25/25	25/25	25/25	25/25	25/25	25/25	25/25
	50	10	6/20	20/20	6/20	20/20	6/25	25/25	6/25	25/25	6/25	25/25	6/25	25/25
	63	10	6/20	20/20	6/20	20/20	6/25	25/25	6/25	25/25	6/25	25/25	6/25	25/25
NG125N	≤ 20	20				35/35		35/35		35/35		50/50		65/65
NG125H	≤ 20	30						40/40		50/50		65/65		90/90
NG125L	≤ 20	40						50/50		65/65		90/90		130/130

Upstream		NSX250					
		B	F	N	H	S	L
	Icu (kA)	20	35	50	65	90	130
	Trip unit	Micrologic [1]					

Downstream Rating (A)			250	250	250	250	250	250
	Rating (A)	Icu (kA)	Reinforced breaking capacity (kA)					
NG125N		20		35/35	35/35	35/35	50/50	65/65
NG125H		30			40/40	50/50	65/65	90/90
NG125L		40				65/65	90/90	130/130
NSXm E		15	20/20	20/20	30/30	30/30	30/30	30/30
NSXm B		20		35/35	35/35	50/50	50/50	50/50
NSXm F		35			50/50	50/50	65/65	65/65
NSXm N		50				65/65	65/65	65/65
NSX100B TM-D	≤ 25			35/35	35/35	50/50	50/50	50/50
	40 - 100			35/35	35/35	36/50	36/50	36/50
NSX100F TM-D	≤ 25				50/50	65/65	90/90	130/130
	40 - 100				36/50	36/65	36/90	36/130
NSX100N TM-D	≤ 25					65/65	90/90	130/130
	40 - 100					36/65	36/90	36/130
NSX100H TM-D	≤ 25						90/90	130/130
	40 - 100						36/90	36/130
NSX100S TM-D	≤ 25							130/130
	40 - 100							36/130
NSX100B Micrologic		20		35/35	35/35	35/50	35/50	35/50
NSX100F Micrologic		35			35/50	35/50	35/90	35/130
NSX100N Micrologic		50				35/65	35/90	35/130
NSX100H Micrologic		65					35/90	35/130
NSX100S Micrologic		90						35/130

Note: respect the basic rules of selectivity, in terms of overload, short-circuit, ground fault and earth leakage when applicable see page 6, or check curves with Schneider Electric online "Electrical calculation tools".
[1] Applicable for all "Distribution" Micrologic of Compact NSX range: 2.2 4.2, 5.2, 6.2, 7.2. For 4.2 and 7.2 selectivity rules for RCD apply in addition. Applicable for Generators and Service connection (G and AB type) Micrologic of Compact NSX range but curves shall be checked. Not applicable for "Motor" Micrologic of Compact NSX range ("M" type).

Selectivity enhanced by cascading

Upstream: Compact NSX160, NSX250, TM-D
Downstream: iC60, NG125, Compact NSXm, NSX100

Ue: 440 V AC

Upstream			NSX160											
			B		F		N		H		S		L	
		Icu (kA)	20		35		50		65		90		130	
		Trip unit	TM-D											
Downstream Rating (A)			≤ 100	125-160	≤ 100	125-160	≤ 100	125-160	≤ 100	125-160	≤ 100	125-160	≤ 100	125-160
	Rating (A)	Icu (kA)	Reinforced breaking capacity (kA)											
iC60N	20	6	-/15	15/15	-/15	15/15	-/20	20/20	-/20	20/20	-/20	20/20	-/20	20/20
	25	6	-/15	15/15	-/15	15/15	-/20	20/20	-/20	20/20	-/20	20/20	-/20	20/20
	32	6	-/15	15/15	-/15	15/15	-/20	20/20	-/20	20/20	-/20	20/20	-/20	20/20
	40	6	-/15	15/15	-/15	15/15	-/20	20/20	-/20	20/20	-/20	20/20	-/20	20/20
	50	6	-/15	15/15	-/15	15/15	-/20	20/20	-/20	20/20	-/20	20/20	-/20	20/20
	63	6	-/15	15/15	-/15	15/15	-/20	20/20	-/20	20/20	-/20	20/20	-/20	20/20
iC60H	≤ 20	10	-/20	20/20	-/20	20/20	-/25	25/25	-/25	25/25	-/25	25/25	-/25	25/25
	25	10	-/20	20/20	-/20	20/20	-/25	25/25	-/25	25/25	-/25	25/25	-/25	25/25
	32	10	-/20	20/20	-/20	20/20	-/25	25/25	-/25	25/25	-/25	25/25	-/25	25/25
	40	10	-/20	20/20	-/20	20/20	-/25	25/25	-/25	25/25	-/25	25/25	-/25	25/25
	50	10	-/20	20/20	-/20	20/20	-/25	25/25	-/25	25/25	-/25	25/25	-/25	25/25
	63	10	-/20	20/20	-/20	20/20	-/25	25/25	-/25	25/25	-/25	25/25	-/25	25/25
iC60L	≤ 20	20	-/20	20/20	-/20	20/20	-/25	25/25	-/25	25/25	-/25	25/25	-/25	25/25
	25	20	-/20	20/20	-/20	20/20	-/25	25/25	-/25	25/25	-/25	25/25	-/25	25/25
	32	15	-/20	20/20	-/20	20/20	-/25	25/25	-/25	25/25	-/25	25/25	-/25	25/25
	40	15	-/20	20/20	-/20	20/20	-/25	25/25	-/25	25/25	-/25	25/25	-/25	25/25
	50	10	-/20	20/20	-/20	20/20	-/25	25/25	-/25	25/25	-/25	25/25	-/25	25/25
	63	10	-/20	20/20	-/20	20/20	-/25	25/25	-/25	25/25	-/25	25/25	-/25	25/25
NG125N	≤ 20	20				35/35		35/35		35/35		50/50		65/65
NG125H	≤ 20	30				35/35		40/40		50/50		65/65		90/90
NG125L	≤ 20	40						50/50		65/65		90/90		130/130

Upstream			NSX250					
			B	F	N	H	S	L
		Icu (kA)	20	35	50	65	90	130
		Trip unit	TM-D					
Downstream Rating (A)			200-250	200-250	200-250	200-250	200-250	200-250
	Rating (A)	Icu (kA)	Reinforced breaking capacity (kA)					
NG125N		20		35/35	35/35	35/35	50/50	65/65
NG125H		30			40/40	50/50	65/65	90/90
NG125L		40				65/65	90/90	130/130
NSXm E	≤ 125	10	20/20	20/20	30/30	30/30	30/30	30/30
NSXm B	≤ 125	20		35/35	35/35	50/50	50/50	50/50
NSXm F	≤ 125	35			50/50	50/50	65/65	65/65
NSXm N	≤ 125	50				65/65	65/65	65/65
NSX100B TM-D	≤ 25	25		35/35	35/35	50/50	50/50	50/50
	40 - 100			35/35	35/35	36/50	36/50	36/50
NSX100F TM-D	≤ 25	36			50/50	65/65	90/90	130/130
	40 - 100				36/50	36/65	36/90	36/130
NSX100N TM-D	≤ 25	50				65/65	90/90	130/130
	40 - 100					36/65	36/90	36/130
NSX100H TM-D	≤ 25	70					90/90	130/130
	40 - 100						36/90	36/130
NSX100S TM-D	≤ 25	100						130/130
	40 - 100							36/130
NSX100B Micrologic		25		2/35	2/35	2/50	2/50	2/50
NSX100F Micrologic		36			2/50	2/50	2/90	2/130
NSX100N Micrologic		50				2/65	2/90	2/130
NSX100H Micrologic		70					2/90	2/130
NSX100S Micrologic		100						2/130

Note: respect the basic rules of selectivity, in terms of overload, short-circuit, ground fault and earth leakage when applicable see page 6, or check curves with Schneider Electric online "Electrical calculation tools".

Selectivity enhanced by cascading

Upstream: Compact NSX400, NSX630, Micrologic
Downstream: Compact NSXm, NSX100, NSX160, NSX250

Ue: 440 V AC

Upstream			NSX400					NSX630				
			F	N	H	S	L	F	N	H	S	L
		Icu (kA)	30	42	65	90	130	30	42	65	90	130
		Trip unit	Micrologic [1]									
Downstream												
Rating (A)			400	400	400	400	400	630	630	630	630	630
	Trip unit	Icu (kA)	Reinforced breaking capacity (kA)									
NSXm E	TM-D	10	20/20	30/30	30/30	30/30	30/30	20/20	30/30	30/30	30/30	30/30
NSXm B	TM-D	20	30/30	30/30	50/50	50/50	50/50	30/30	30/30	50/50	50/50	50/50
NSXm F	TM-D	35		42/42	65/65	65/65	65/65		42/42	65/65	65/65	65/65
NSXm N	TM-D	50			65/65	65/65	65/65			65/65	65/65	65/65
NSXm E	Micrologic	10	20/20	30/30	30/30	30/30	30/30	20/20	30/30	30/30	30/30	30/30
NSXm B	Micrologic	20	30/30	30/30	50/50	50/50	50/50	30/30	30/30	50/50	50/50	50/50
NSXm F	Micrologic	35		42/42	65/65	65/65	65/65		42/42	65/65	65/65	65/65
NSXm N	Micrologic	50			65/65	65/65	65/65			65/65	65/65	65/65
NSX100B	TM-D	20	30/30	30/30	50/50	50/50	50/50	30/30	30/30	50/50	50/50	50/50
NSX100F	TM-D	35		42/42	65/65	90/90	130/130		42/42	65/65	90/90	130/130
NSX100N	TM-D	50			65/65	90/90	130/130			65/65	90/90	130/130
NSX100H	TM-D	65				90/90	130/130				90/90	130/130
NSX100S	TM-D	90					130/130					130/130
NSX160B	TM-D	20	30/30	30/30	50/50	50/50	50/50	30/30	30/30	50/50	50/50	50/50
NSX160F	TM-D	35		42/42	65/65	90/90	130/130		42/42	65/65	90/90	130/130
NSX160N	TM-D	50			65/65	90/90	130/130			65/65	90/90	130/130
NSX160H	TM-D	65				90/90	130/130				90/90	130/130
NSX160S	TM-D	90					130/130					130/130
NSX250B	TM-D	20						30/30	30/30	50/50	50/50	50/50
NSX250F	TM-D	35							42/42	65/65	90/90	130/130
NSX250N	TM-D	50								65/65	90/90	130/130
NSX250H	TM-D	65									90/90	130/130
NSX250S	TM-D	90										130/130
NSX100B	Micrologic	20	30/30	30/30	50/50	50/50	50/50	30/30	30/30	50/50	50/50	50/50
NSX100F	Micrologic	35		42/42	65/65	90/90	130/130		42/42	65/65	90/90	130/130
NSX100N	Micrologic	50			65/65	90/90	130/130			65/65	90/90	130/130
NSX100H	Micrologic	65				90/90	130/130				90/90	130/130
NSX100S	Micrologic	90					130/130					130/130
NSX160B	Micrologic	20	30/30	30/30	50/50	50/50	50/50	30/30	30/30	50/50	50/50	50/50
NSX160F	Micrologic	35		42/42	65/65	90/90	130/130		42/42	65/65	90/90	130/130
NSX160N	Micrologic	50			65/65	90/90	130/130			65/65	90/90	130/130
NSX160H	Micrologic	65				90/90	130/130				90/90	130/130
NSX160S	Micrologic	90					130/130					130/130
NSX250B	Micrologic	20						30/30	30/30	50/50	50/50	50/50
NSX250F	Micrologic	35							42/42	65/65	90/90	130/130
NSX250N	Micrologic	50								65/65	90/90	130/130
NSX250H	Micrologic	65									90/90	130/130
NSX250S	Micrologic	90										130/130

Note: respect the basic rules of selectivity, in terms of overload, short-circuit, ground fault and earth leakage when applicable see page 6, or check curves with Schneider Electric online "Electrical calculation tools".
[1] Applicable for all "Distribution" Micrologic of Compact NSX range: 2.3 4.3, 5.3, 6.3, 7.3. For 4.3 and 7.3 selectivity rules for RCD apply in addition. Applicable for Generators and Service connection (G and AB type) Micrologic of Compact NSX range but curves shall be checked Not applicable for "Motor" Micrologic of Compact NSX range ("M" type).

Selectivity enhanced by cascading

Upstream: Compact NS800, NS100, NS1250, NS1600, Micrologic
Downstream: Compact NSX100, NSX160, NSX250, NSX400, NSX630

Ue: 440 V AC

Upstream			NS800				NS1000			NS1250		NS1600	
			N	H	L	LB	N	H	L	N	H	N	H
		Icu (kA)	50	65	130	200	50	65	130	50	65	50	65
		Trip unit	Micrologic										
Downstream													
Rating (A)			800	800	800	800	1000	1000	1000	1250	1250	1600	1600
	Trip unit	Icu (kA)	Reinforced breaking capacity (kA)										
NSX100B	TM-D / Micrologic	20	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50
NSX100F	TM-D / Micrologic	35	50/50	65/65	130/130	130/130	50/50	65/65	130/130	50/50	65/65	50/50	65/65
NSX100N	TM-D / Micrologic	50		65/65	130/130	130/130		65/65	130/130		65/65		65/65
NSX100H	TM-D / Micrologic	65			130/130	130/130			130/130				
NSX100S	TM-D / Micrologic	90			130/130	200/200			130/130				
NSX100L	TM-D / Micrologic	130				200/200							
NSX160B	TM-D / Micrologic	20	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50
NSX160F	TM-D / Micrologic	35	50/50	65/65	130/130	130/130	50/50	65/65	130/130	50/50	65/65	50/50	65/65
NSX160N	TM-D / Micrologic	50		65/65	130/130	130/130		65/65	130/130		65/65		65/65
NSX160H	TM-D / Micrologic	65			130/130	130/130			130/130				
NSX160S	TM-D / Micrologic	90			130/130	200/200			130/130				
NSX160L	TM-D / Micrologic	130				200/200							
NSX250B	TM-D / Micrologic	20	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50
NSX250F	TM-D / Micrologic	35	50/50	65/65	130/130	130/130	50/50	65/65	130/130	50/50	65/65	50/50	65/65
NSX250N	TM-D / Micrologic	50		65/65	130/130	130/130		65/65	130/130		65/65		65/65
NSX250H	TM-D / Micrologic	65			130/130	130/130			130/130				
NSX250S	TM-D / Micrologic	90			130/130	200/200			130/130				
NSX250L	TM-D / Micrologic	130				200/200							
NSX400F	Micrologic	30	50/50	65/65	10/130	10/130	50/50	65/65	15/130	50/50	65/65	50/50	65/65
NSX400N	Micrologic	42		65/65	10/130	10/130		65/65	15/130		65/65		65/65
NSX400H	Micrologic	65			10/130	10/130			15/130				
NSX400S	Micrologic	90			10/130	10/200			15/130				
NSX400L	Micrologic	130				10/200							
NSX630F	Micrologic	30					50/50	65/65	10/130	50/50	65/65	50/50	65/65
NSX630N	Micrologic	42						65/65	10/130		65/65		65/65
NSX630H	Micrologic	65							10/130				
NSX630S	Micrologic	90							10/130				

Note: respect the basic rules of selectivity, in terms of overload, short-circuit, ground fault and earth leakage when applicable see page 6, or check curves with Schneider Electric online "Electrical calculation tools".

Selectivity enhanced by cascading

Upstream: Compact NSX160, NSX250, TM-D
Downstream: iC60, C120, NG125

Ue: 220-240 V AC
(Ph/N 110-130 V AC)

Upstream		NSX160					
		B	F	N	H	S	L
	Icu (kA)	40	85	90	100	120	150
	Trip unit	TM-D					

Downstream														
Rating (A)			80-100	125-160	80-100	125-160	80-100	125-160	80-100	125-160	80-100	125-160	80-100	125-160
	Rating (A)	Icu (kA)	Reinforced breaking capacity (kA)											
iC60N		20		30/30		40/40		60/60		60/60		60/60		60/60
iC60H		30		40/40		50/50		80/80		80/80		80/80		80/80
iC60L	≤ 25	50				65/65		80/80		80/80		80/80		80/80
	32-40	36		40/40		65/65		80/80		80/80		80/80		80/80
	50-63	30		40/40		65/65		80/80		80/80		80/80		80/80
NG125N	≤ 20	50				60/60		70/70		70/70		85/85		85/85
	25 to 125	50												
NG125H	≤ 20	70				85/85		85/85		85/85		100/100		100/100
	25 to 80	70												

Upstream		NSX250					
		B	F	N	H	S	L
	Icu (kA)	40	85	90	100	120	150
	Trip unit	TM-D					

Downstream								
Rating (A)			200-250	200-250	200-250	200-250	200-250	200-250
	Rating (A)	Icu (kA)	Reinforced breaking capacity (kA)					
iC60N		20	30/30	40/40	60/60	60/60	60/60	60/60
iC60H		30	40/40	50/50	65/65	65/65	65/65	65/65
iC60L	≤ 25	50		65/65	80/80	80/80	80/80	80/80
	32-40	36	40/40	65/65	80/80	80/80	80/80	80/80
	50-63	30	40/40	40/40	65/65	65/65	65/65	65/65
C120N/H		20/30	40/40	40/40	50/50	50/50	70/70	70/70
NG125N		50		60/60	70/70	70/70	85/85	85/85
NG125H		70		85/85	85/85	85/85	100/100	100/100

Note: respect the basic rules of selectivity, in terms of overload, short-circuit, ground fault and earth leakage when applicable see page 6, or check curves with Schneider Electric online "Electrical calculation tools".

Selectivity enhanced by cascading

Upstream: Compact NSX100, NSX160, NSX250, Micrologic
Downstream: iC60, C120, NG125

Ue: 220-240 V AC
(Ph/N 110-130 V AC)

Upstream			NSX100											
			B		F		N		H		S		L	
		Icu (kA)	40		85		90		100		120		150	
		Trip unit	Micrologic [1]											
Downstream														
Rating (A)			40	100	40	100	40	100	40	100	40	100	40	100
	Rating (A)	Icu (kA)	Reinforced breaking capacity (kA)											
iC60N	≤ 25	20	40/40	40/40	40/40	40/40	60/60	60/60	60/60	60/60	60/60	60/60	60/60	60/60
	32-40	20		40/40		40/40		60/60		60/60		60/60		60/60
	50-63	20												
iC60H	≤ 25	30	40/40	40/40	50/50	50/50	80/80	80/80	80/80	80/80	80/80	80/80	80/80	80/80
	32-40	30		40/40		50/50		80/80		80/80		80/80		80/80
	50-63	30												
iC60L	≤ 25	50			65/65	65/65	80/80	80/80	80/80	80/80	80/80	80/80	80/80	80/80
	32-40	36				65/65		80/80		80/80		80/80		80/80
	50-63	30												

Upstream			NSX160											
			B		F		N		H		S		L	
		Icu (kA)	40		85		90		100		120		150	
		Trip unit	Micrologic [1]											
Downstream														
Rating (A)			80	160	80	160	80	160	80	160	80	160	80	160
	Rating (A)	Icu (kA)	Reinforced breaking capacity (kA)											
iC60N	≤ 50	20	40/40	40/40	40/40	40/40	60/60	60/60	60/60	60/60	60/60	60/60	60/60	60/60
	63	20		40/40		40/40		60/60		60/60		60/60		60/60
iC60H	≤ 50	30	40/40	40/40	50/50	50/50	80/80	80/80	80/80	80/80	80/80	80/80	80/80	80/80
	63	30		40/40		50/50		80/80		80/80		80/80		80/80
iC60L	≤ 40	36			65/65	65/65	80/80	80/80	80/80	80/80	80/80	80/80	80/80	80/80
	50	30	40/40	40/40	65/65	65/65	80/80	80/80	80/80	80/80	80/80	80/80	80/80	80/80
	63	30		40/40		65/65		80/80		80/80		80/80		80/80

Upstream			NSX250					
			B	F	N	H	S	L
		Icu (kA)	40	85	90	100	120	150
		Trip unit	Micrologic [1]					
Downstream								
Rating (A)			250	250	250	250	250	250
	Rating (A)	Icu (kA)	Reinforced breaking capacity (kA)					
iC60N		20	40/40	40/40	60/60	60/60	60/60	60/60
iC60H		30	40/40	50/50	65/65	65/65	65/65	65/65
iC60L	≤ 25	50		65/65	80/80	80/80	80/80	80/80
	32-40	36		65/65	80/80	80/80	80/80	80/80
	50-63	30	40/40	65/65	65/65	65/65	65/65	65/65
C120N/H		20/30	40/40	40/40	50/50	50/50	70/70	70/70
NG125N		50		60/60	70/70	70/70	85/85	85/85
NG125H		70		85/85	85/85	85/85	100/100	100/100

Note: respect the basic rules of selectivity, in terms of overload, short-circuit, ground fault and earth leakage when applicable see page 6, or check curves with Schneider Electric online "Electrical calculation tools".
[1] Applicable for all "Distribution" Micrologic of Compact NSX range: 2.2 4.2, 5.2, 6.2, 7.2. For 4.2 and 7.2 selectivity rules for RCD apply in addition. Applicable for Generators and Service connection (G and AB type) Micrologic of Compact NSX range but curves shall be checked. Not applicable for "Motor" Micrologic of Compact NSX range ("M" type).

Selectivity enhanced by cascading

Upstream: Compact NSX250, TM-D, Micrologic
Downstream: Compact NSXm, NSX100

Ue: 220-240 V AC
(Ph/N 110-130 V AC)

Upstream			NSX250					
			B	F	N	H	S	L
		Icu (kA)	40	85	90	100	120	150
		Trip unit	TM-D					
Downstream Rating (A)			200-250	200-250	200-250	200-250	200-250	200-250
	Rating (A)	Icu (kA)	Reinforced breaking capacity (kA)					
NSXm E		25	40/40	85/85	85/85	85/85	85/85	85/85
NSXm B		50		85/85	90/90	100/100	100/100	100/100
NSXm F		85			90/90	100/100	100/100	100/100
NSXm N		90				100/100	100/100	100/100
NSX100 B	≤ 25	40		85/85	90/90	100/100	100/100	100/100
TM-D	40 - 100			36/85	36/90	36/100	36/100	36/100
NSX100F	≤ 25	85			90/90	100/100	120/120	150/150
TM-D	40 - 100				36/90	36/100	36/120	36/150
NSX100N	≤ 25	90				100/100	120/120	150/150
TM-D	40 - 100					36/100	36/120	36/150
NSX100H	≤ 25	100					120/120	150/150
TM-D	40 - 100						36/120	36/150
NSX100S	≤ 25	120						150/150
TM-D	40 - 100							36/150
NSX100 B Micrologic		40		2/85	2/90	2/100	2/100	2/100
NSX100 F Micrologic		85			2/90	2/100	2/120	2/150
NSX100 N Micrologic		90				2/100	2/120	2/150
NSX100 H Micrologic		100					2/120	2/150
NSX100 S Micrologic		120						2/150

Upstream			NSX250					
			B	F	N	H	S	L
		Icu (kA)	40	85	90	100	120	150
		Trip unit	Micrologic [1]					
Downstream Rating (A)			200-250	200-250	200-250	200-250	200-250	200-250
	Rating (A)	Icu (kA)	Reinforced breaking capacity (kA)					
NSXm E	≤ 125	25	40/40	85/85	85/85	85/85	85/85	85/85
NSXm B	≤ 125	50		85/85	90/90	100/100	100/100	100/100
NSXm F	≤ 125	85			90/90	100/100	100/100	100/100
NSXm N	≤ 125	90				100/100	100/100	100/100
NSX100B	≤ 25	40		85/85	90/90	100/100	100/100	100/100
TM-D	40-100			36/85	36/90	36/100	36/100	36/100
NSX100F	≤ 25	85			90/90	100/100	120/120	150/150
TM-D	40-100				36/90	36/100	36/120	36/150
NSX100N	≤ 25	90				100/100	120/120	150/150
TM-D	40-100					36/100	36/120	36/150
NSX100H	≤ 25	100					120/120	150/150
TM-D	40-100						36/120	36/150
NSX100S	≤ 25	120						150/150
TM-D	40-100							36/150
NSX100B Micrologic		40		36/85	36/90	36/100	36/100	36/100
NSX100F Micrologic		85			36/90	36/100	36/120	36/150
NSX100N Micrologic		90				36/100	36/120	36/150
NSX100H Micrologic		100					36/120	36/150
NSX100S	120	120						36/150

Note: respect the basic rules of selectivity, in terms of overload, short-circuit, ground fault and earth leakage when applicable see page 6, or check curves with Schneider Electric online "Electrical calculation tools".
[1] Applicable for all "Distribution" Micrologic of Compact NSX range: 2.2 4.2, 5.2, 6.2, 7.2. For 4.2 and 7.2 selectivity rules for RCD apply in addition. Applicable for Generators and Service connection (G and AB type) Micrologic of Compact NSX range but curves shall be checked. Not applicable for "Motor" Micrologic of Compact NSX range ("M" type).

Selectivity enhanced by Cascading

Upstream: Compact NSX400, NSX630, NS800L, NS800LB, NS1000L, Micrologic
Downstream: Compact NSXm, NSX100, NSX160, NSX250, NSX400, NSX630

Ue: 220-240 V AC
(Ph/N 110-130 V AC)

Upstream			NSX400				NSX630				NS800		NS1000
			N	H	S	L	N	H	S	L	L	LB	L
		Icu (kA)	85	100	120	150	85	100	120	150	150	200	150
		Trip unit	Micrologic [1]										
Downstream													
Rating (A)			400	400	400	400	630	630	630	630	800		1000
	Trip unit	Icu (kA)	Reinforced breaking capacity (kA)										
NSX100B	TM-D	40	85/85	90/90	100/100	100/100	85/85	90/90	100/100	100/100	50/50	50/50	50/50
NSX100F	TM-D	85		90/90	120/120	150/150		90/90	120/120	150/150	150/150	150/150	150/150
NSX100N	TM-D	90		100/100	120/120	150/150		100/100	120/120	150/150	150/150	150/150	150/150
NSX100H	TM-D	100			120/120	150/150			120/120	150/150	150/150	150/150	150/150
NSX100S	TM-D	120				150/150				150/150	150/150	200/200	150/150
NSX100L	TM-D	150										200/200	
NSX160B	TM-D	40	85/85	90/90	100/100	100/100	85/85	90/90	100/100	100/100	50/50	50/50	50/50
NSX160F	TM-D	85		90/90	120/120	150/150		90/90	120/120	150/150	150/150	150/150	150/150
NSX160N	TM-D	90		100/100	120/120	150/150		100/100	120/120	150/150	150/150	150/150	150/150
NSX160H	TM-D	100			120/120	150/150			120/120	150/150	150/150	150/150	150/150
NSX160S	TM-D	120				150/150				150/150	150/150	200/200	150/150
NSX160L	TM-D	150										200/200	
NSX250B	TM-D	40					85/85	90/90	100/100	100/100	50/50	50/50	50/50
NSX250F	TM-D	85						90/90	120/120	150/150	150/150	150/150	150/150
NSX250N	TM-D	90						100/100	120/120	150/150	150/150	150/150	150/150
NSX250H	TM-D	100							120/120	150/150	150/150	150/150	150/150
NSX250S	TM-D	120								150/150	150/150	200/200	150/150
NSX250L	TM-D	150										200/200	
NSX100B	Micrologic	40	85/85	90/90	100/100	100/100	85/85	90/90	100/100	100/100	50/50	50/50	50/50
NSX100F	Micrologic	85		90/90	120/120	150/150		90/90	120/120	150/150	150/150	150/150	150/150
NSX100N	Micrologic	90		100/100	120/120	150/150		100/100	120/120	150/150	150/150	150/150	150/150
NSX100H	Micrologic	100			120/120	150/150			120/120	150/150	150/150	150/150	150/150
NSX100S	Micrologic	120				150/150				150/150	150/150	200/200	150/150
NSX100L	Micrologic	150										200/200	
NSX160B	Micrologic	40	85/85	90/90	100/100	100/100	85/85	90/90	100/100	100/100	50/50	50/50	50/50
NSX160F	Micrologic	85		90/90	120/120	150/150		90/90	120/120	150/150	150/150	150/150	150/150
NSX160N	Micrologic	90		100/100	120/120	150/150		100/100	120/120	150/150	150/150	150/150	150/150
NSX160H	Micrologic	100			120/120	150/150			120/120	150/150	150/150	150/150	150/150
NSX160S	Micrologic	120				150/150				150/150	150/150	200/200	150/150
NSX160L	Micrologic	150										200/200	
NSX250B	Micrologic	40					85/85	90/90	100/100	100/100	50/50	50/50	50/50
NSX250F	Micrologic	85						90/90	120/120	150/150	150/150	150/150	150/150
NSX250N	Micrologic	90						100/100	120/120	150/150	150/150	150/150	150/150
NSX250H	Micrologic	100							120/120	150/150	150/150	150/150	150/150
NSX250S	Micrologic	120								150/150	150/150	200/200	150/150
NSX250L	Micrologic	150										200/200	
NSX400F	Micrologic	40									10/150	10/150	15/150
NSX400N	Micrologic	85									10/150	10/150	15/150
NSX400H	Micrologic	100									10/150	10/150	15/150
NSX400S	Micrologic	120									10/150	10/200	15/150
NSX400L	Micrologic	150										10/200	
NSX630F	Micrologic	40											10/150
NSX630N	Micrologic	85											10/150
NSX630H	Micrologic	100											10/150
NSX630S	Micrologic	120											10/150

Note: respect the basic rules of selectivity, in terms of overload, short-circuit, ground fault and earth leakage when applicable see page 6, or check curves with Schneider Electric online "Electrical calculation tools".
[1] Applicable for all "Distribution" Micrologic of Compact NSX range: 2.3 4.3, 5.3, 6.3, 7.3. For 4.3 and 7.3 selectivity rules for RCD apply in addition. Applicable for Generators and Service connection (G and AB type) Micrologic of Compact NSX range but curves shall be checked Not applicable for "Motor" Micrologic of Compact NSX range ("M" type).