

TeSys protection components

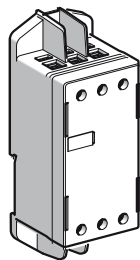
Thermal-magnetic and magnetic motor circuit-breakers GV2 with screw clamp connections
Add-on blocks and accessories

Contact blocks							
Description	Mounting	Maximum number	Type of contacts	Sold in lots of	Unit reference	Weight kg	
Instantaneous auxiliary contacts	Front (1)	1	N/O or N/C (2)	10	GV AE1	0.015	
			N/O + N/C	10	GV AE11	0.020	
			N/O + N/O	10	GV AE20	0.020	
	Side (LH)	2	N/O + N/C	1	GV AN11	0.050	
			N/O + N/O	1	GV AN20	0.050	
			Fault signalling contact + instantaneous auxiliary contact	Side (3) (LH)	1	N/O (fault)	+ N/O
+ N/C	1	GV AD1001					0.055
N/C (fault)	+ N/O	1				GV AD0110	0.055
	+ N/C	1				GV AD0101	0.055
Short-circuit signalling contact	Side (LH)	1	C/O common point	1	GV AM11	0.045	

Electric trips				
Mounting	Voltage		Reference	Weight kg
Undervoltage or shunt trips (4)				
Side (1 block on RH side of circuit-breaker)	24 V	50 Hz	GV A●025	0.105
		60 Hz	GV A●026	0.105
	48 V	50 Hz	GV A●055	0.105
		60 Hz	GV A●056	0.105
	100 V	50 Hz	GV A●107	0.105
	100...110 V	60 Hz	GV A●107	0.105
	110...115 V	50 Hz	GV A●115	0.105
		60 Hz	GV A●116	0.105
	120...127 V	50 Hz	GV A●125	0.105
	127 V	60 Hz	GV A●115	0.105
	200 V	50 Hz	GV A●207	0.105
	200...220 V	60 Hz	GV A●207	0.105
	220...240 V	50 Hz	GV A●225	0.105
		60 Hz	GV A●226	0.105
	380...400 V	50 Hz	GV A●385	0.105
		60 Hz	GV A●386	0.105
	415...440 V	50 Hz	GV A●415	0.105
		60 Hz	GV A●416	0.105
	440 V	60 Hz	GV A●385	0.105
	480 V	60 Hz	GV A●415	0.105
500 V	50 Hz	GV A●505	0.105	
600 V	60 Hz	GV A●505	0.105	

Undervoltage trip, INRS (can only be mounted on GV2 ME) Safety device for dangerous machines conforming to INRS and VDE 0113				
Side (1 block on RH side of circuit-breaker GV2 ME)	110...115 V	50 Hz	GV AX115	0.110
		60 Hz	GV AX116	0.110
	127 V	50 Hz	GV AX115	0.110
		60 Hz	GV AX225	0.110
	220...240 V	50 Hz	GV AX225	0.110
		60 Hz	GV AX226	0.110
	380...400 V	50 Hz	GV AX385	0.110
		60 Hz	GV AX386	0.110
	415...440 V	50 Hz	GV AX415	0.110
		60 Hz	GV AX385	0.110

Add-on contact blocks				
Description	Mounting	Maximum number	Reference	Weight kg
Visible isolation block (5)	Front (1)	1	GV2 AK00 (6)	0.150
Limiters	At top (GV2 ME and GV2 P)	1	GV1 L3	0.130
	Independent	1	LA9 LB920	0.320



LA9 LB920

(1) Mounting of a GV AE contact block or a GV2 AK00 visible isolation block on GV2 P and GV2 L.

(2) Choice of N/C or N/O contact operation, depending on which way round the reversible block is mounted.

(3) The GV AD is always mounted next to the circuit-breaker.

(4) To order an undervoltage trip: replace the dot (●) in the reference with a U, example: GV AU025.

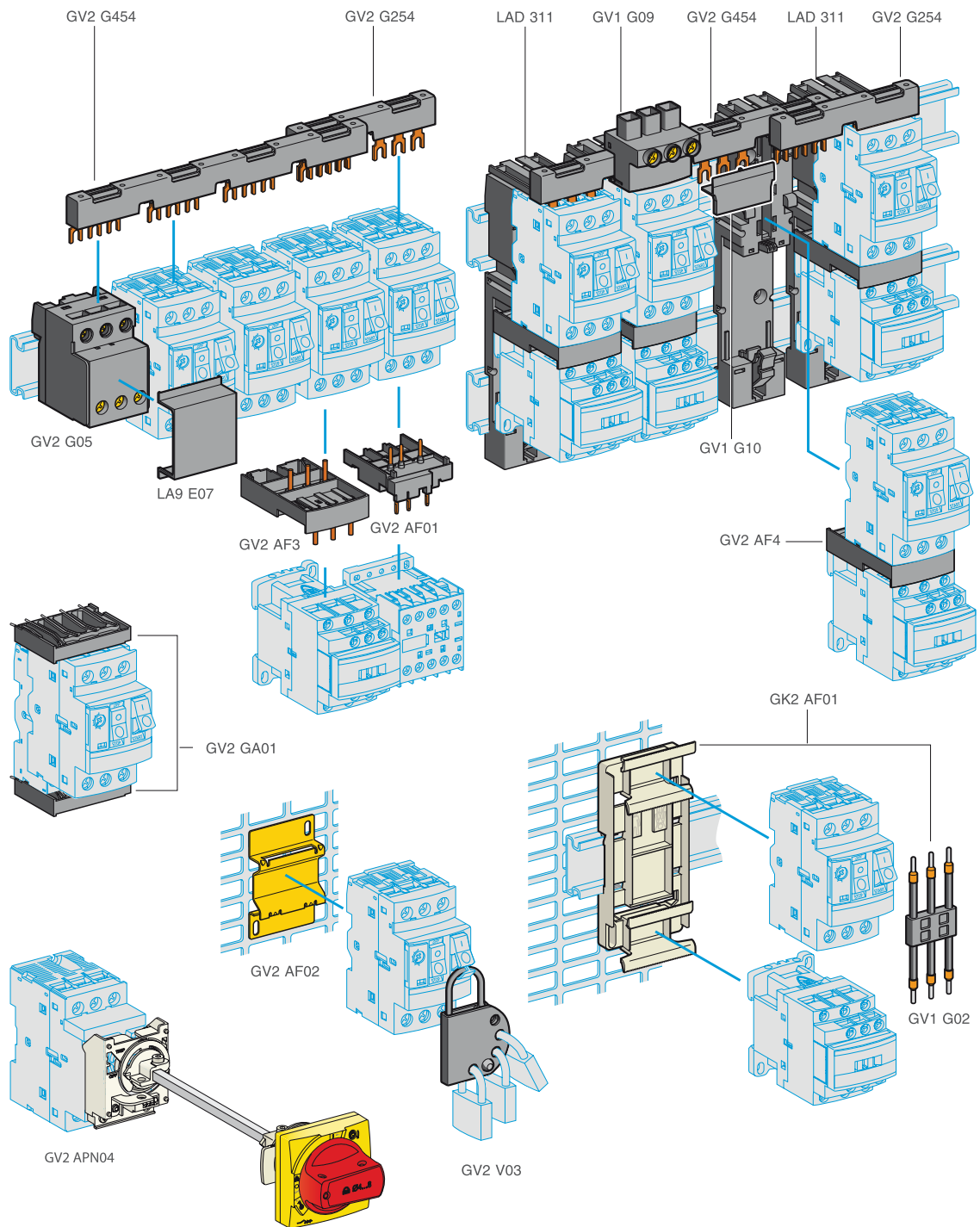
To order a shunt trip: replace the dot (●) in the reference with an S, example: GV AS025.

(5) Visible isolation of the 3 poles upstream of circuit-breaker GV2 P and GV2 L.

Visible isolation block GV2 AK00 cannot be used with motor circuit-breakers GV2 P32 and GV2 L32 (Ith max = 25 A).

(6) Ie Max = 32 A.

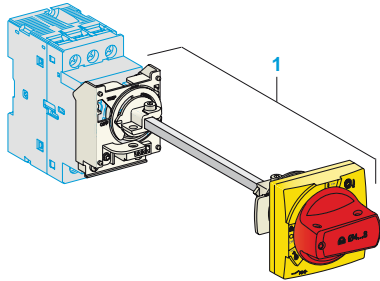
3



TeSys protection components

Thermal-magnetic and magnetic motor circuit-breakers GV2 with screw clamp connections
Accessories

Accessories					
Description	Application	Sold in lots of	Unit reference	Weight kg	
Adapter plates	For mounting a GV2 ME or GV2 LE by screw fixing	10	GV2 AF02	0.021	
	For mounting a GV2 ME or GV2 P and contactor LC1 D09...D38 with front faces aligned	1	LAD 311	0.040	
Height compensation plate	7,5 mm	10	GV1 F03	0.003	
Combination blocks	Between GV2 and contactor LC1 K or LP1 K	10	GV2 AF01	0.020	
	Between GV2 and contactor LC1 D09...D38	10	GV2 AF3	0.016	
	Between GV2 mounted on LAD 311 and contactor LC1 D09...D38	10	GV2 AF4	0.016	
Motor starter adapter plate	With 3-pole connection for mounting a GV2 and a contactor LC1 D09...D25	1	GK2 AF01	0.120	
Description	Application	Pitch mm	Reference	Weight kg	
Sets of 3-pole 63 A busbars	2 tap-offs	45	GV2 G245	0.036	
		54	GV2 G254	0.038	
		72	GV2 G272	0.042	
	3 tap-offs	45	GV2 G345	0.058	
		54	GV2 G354	0.060	
	4 tap-offs	45	GV2 G445	0.077	
		54	GV2 G454	0.085	
		72	GV2 G472	0.094	
	5 tap-offs	54	GV2 G554	0.100	
	Description	Application	Sold in lots of	Unit reference	Weight kg
	Protective end cover	For unused busbar outlets	5	GV1 G10	0.005
	Terminal block for supply to one or more GV2 G busbar sets	Connection from the top	1	GV1 G09	0.040
Can be fitted with current limiter GV1 L3 (GV2 ME and GV2 P)		1	GV2 G05	0.115	
Cover for terminal block	For mounting in modular panels	10	LA9 E07	0.005	
Flexible 3-pole connection for connecting a GV2 to a contactor LC1-D09...D25	Centre distance between mounting rails: 100...120 mm	10	GV1 G02	0.013	
Set of connections upstream/downstream	For connecting GV2 ME to a printed circuit board	10	GV2 GA01	0.045	
"Large Spacing" adapter UL 508 type E	For GV2 P●●H7 (except 32 A)	1	GV2 GH7	0.040	
Clip-in marker holders (supplied with each circuit-breaker)	For GV2 P, GV2 L, GV2 LE and GV2 RT (8 x 22 mm)	100	LA9 D92	0.001	



Extended Rotary Handle

Allows a circuit-breaker or a starter-controller installed in back of an enclosure to be operated from the front of the enclosure.

A rotary handle can be black or red/yellow, IP54 or IP65. It includes a function for locking the circuit breaker or the starter in the O (Off) or I (On) position (depending of the type of rotary handle) by means of up to 3 padlocks with a shank diameter of 4 to 8 mm. The extended shaft must be adjusted to use in different size enclosures. The IP54 rotary handle is fixed with a nut (Ø 22) to make easier the assembling. The new Laser Square tool brings the accuracy to align the circuit breaker and the rotary handle.

Padlockable external operators for GV2P and GV2L

Description

- 1 Kit handle + mounting system
- 2 Universal handle
- 3 Shaft
- 4 Bracket
- 5 Shaft support plate for deep enclosure
- 6 Retrofit accessory
- 7 Laser Square accessory

Kit handle + mounting system

Description	Item Reference	Weight kg
For GV2 P/L		
Black handle, front plate, with trip status, IP 54	1 GV2 APN01	0.300
Red handle, front plate, with trip status, IP 54	1 GV2 APN02	0.300
Red handle, front plate, without trip status, IP 65	1 GV2 APN04	0.300
For GV2 LE		
Padlocking in "On" and "Off" position	- GV2 AP03	0.280
Black handle, blue front plate, IP 54		

Universal handle

For GV2 P/L		
Black handle, IP 54	2 GV APB54	0.140
Red handle, IP 54	2 GV APR54	0.140
Red handle, IP 65	2 GV APR65	0.140

Shaft

For GV2 P/L	L = 315 mm	3 GV APA1	0.110
-------------	------------	-----------	-------

Bracket

For GV2 P/L		4 GV APH02	0.300
-------------	--	------------	-------

Shaft support plate for deep enclosure

For GV2 P/L	Depth ≥ 250 mm	5 GV APK11	0.030
-------------	----------------	------------	-------

Retrofit accessory

For GV2 P/L		6 GV APP1	0.100
-------------	--	-----------	-------

Laser Square accessory

For GV2 P/L		7 GV APL01	0.160
-------------	--	------------	-------

Sticker

Warning label		Sold in lots of	
For French	10	-	GV APSFR
For English	10	-	GV APSEN
For German	10	-	GV APSDE
For Spanish	10	-	GV APSES
For Chinese	10	-	GV APSCN
For Portuguese	10	-	GV APSPT
For Russian	10	-	GV APSRU
For Italian	10	-	GV APSIT

Padlocking device

Description	Reference	Weight kg
For all GV2 device	For use with up to 4 padlocks, Ø 6 mm shank max. (padlocks not included)	GV2 V03 0.092

4

