



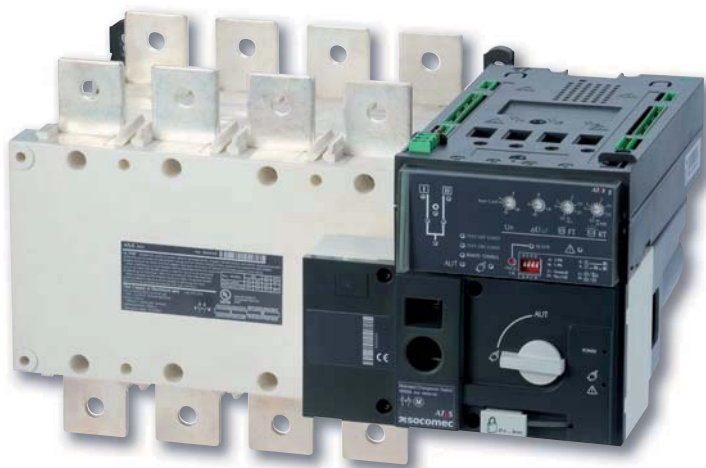
ATyS g

Automatic changeover switches
from 125 to 3200 A

Changeover
switches

new

aty_s_g_001_a_1



The solution for

- > Transformer/generator applications.



Strong points

- > Rapid commissioning.
- > Functions adapted to transformer/genset applications.
- > Generator test functions.

Conformity to standards

- > IEC 60947-6-1
- > IEC 60947-3



Enclosed solution

- > Please consult us.

Function

ATyS g is a range of three-phase automatic changeover switches with positive break indication. They incorporate all the functions offered by the ATyS d, as well as functions intended for **transformer/generator** applications.

In automatic mode they enable the monitoring of, and the on load changeover switching between, two power supply sources, in accordance with the parameters configured via four potentiometers and four DIP switches.

They are intended for use in low voltage power systems where interruption of the load supply is acceptable during transfer.

Advantages

Rapid commissioning

ATyS g switches offer significant time saving during commissioning (process takes approximately 5 minutes). Because they have only four potentiometers and four DIP switches, a screwdriver is all that is needed to configure the parameters.

For added simplicity, they also offer an autoconfiguration function which enables automatic adjustment of the rated voltage and frequency.

Functions adapted to transformer/generator applications

ATyS g products are automatic changeover switches intended specifically for **transformer/generator** applications. Their integrated controller has been designed to provide all the functions necessary for these applications, including monitoring the voltage and frequency of both sources, for three-phase and single-phase networks.

Generator test functions

To ensure compatibility with transformer/generator applications, ATyS g switches integrate the following generator test functions:

Test on load and test off load.

References

Rating (A)	No. of poles	ATyS g ⁽⁵⁾	Bridging bars	Terminal shrouds	Terminal screens	Auxiliary contact	3 position padlocking	Autotransformer								
125 A	3 P	9553 3012	4109 0019	3 P 2694 3014 ⁽²⁾ 4 P 2694 4014 ⁽²⁾	3 P 1509 3012 4 P 1509 4012	1599 0002 ⁽⁴⁾	1599 0003 ⁽⁴⁾	400/230 VAC 1599 4064								
	4 P	9553 4012														
160 A	3 P	9553 3016														
	4 P	9553 4016														
200 A	3 P	9553 3020														
	4 P	9553 4020														
250 A	3 P	9553 3025		4109 0025	3 P 2694 3021 ⁽²⁾ 4 P 2694 4021 ⁽²⁾				3 P 1509 3025 4 P 1509 4025	1599 0002 ⁽⁴⁾	1599 0003 ⁽⁴⁾	400/230 VAC 1599 4064				
	4 P	9553 4025														
315 A	3 P	9553 3031		4109 0039												
	4 P	9553 4031														
400 A	3 P	9553 3040														
	4 P	9553 4040														
500 A	3 P	9553 3050	4109 0050		3 P 2694 3051 ⁽²⁾ 4 P 2694 4051 ⁽²⁾	3 P 1509 3063 ⁽³⁾ 4 P 1509 4063 ⁽³⁾	1599 0002 ⁽⁴⁾	1599 0003 ⁽⁴⁾	400/230 VAC 1599 4064							
	4 P	9553 4050														
630 A	3 P	9553 3063	4109 0063													
	4 P	9553 4063														
800 A	3 P	9553 3080	4109 0080	3 P 1509 3080 ⁽³⁾ 4 P 1509 4080 ⁽³⁾									1599 0032 ⁽⁴⁾	1599 0004 ⁽⁴⁾	400/230 VAC 1599 4064	
	4 P	9553 4080														
1000 A	3 P	9553 3100														
	4 P	9553 4100														
1250 A	3 P	9553 3120			4109 0120											
	4 P	9553 4120														
1600 A	3 P	9553 3160	4109 160		3 P 1509 3160 ⁽³⁾ 4 P 1509 4160 ⁽³⁾	1599 0032 ⁽⁴⁾				1599 0004 ⁽⁴⁾	400/230 VAC 1599 4064					
	4 P	9553 4160														
1800 A	3 P	9553 3180														
	4 P	9553 4180														
2000 A	3 P	9553 3200					(1)	included	included			1599 0004 ⁽⁴⁾				400/230 VAC 1599 4064
	4 P	9553 4200														
2500 A	3 P	9553 3250														
	4 P	9553 4250														
3200 A	3 P	9553 3320														
	4 P	9553 4320														

(1) See "Copper bar connection kits" page 393.

(2) To fully shroud front, rear, top and bottom 4 references required.

To shroud front switch top and bottom 2 references required.

(3) 2 pieces: one for top side and another for bottom side.

(4) Factory mounting only.

(5) An optional key operated Auto/Manual selector is available on request.

If required, this option must be requested when ordering the switch; please refer to "Auto/Manual key selector" in the accessory section.

Technical information

- > Accessories: see page 392.
- > Characteristics: see page 398.
- > Terminals and connections: see page 400.
- > Dimensions: see page 402.