

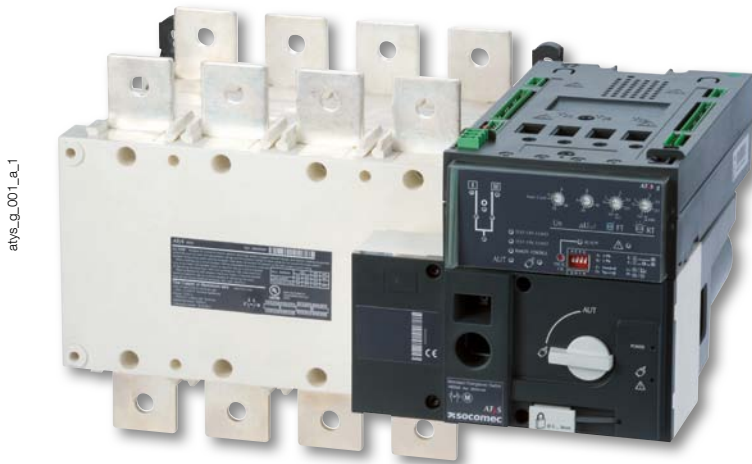


ATyS g

Automatic changeover switches
from 125 to 3200 A

Changeover
switches

new



atyS_g_001_a_1

The solution for

- > Transformer/generator applications



Strong points

- > Rapid commissioning.
- > Functions adapted to transformer/genset applications
- > 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 only takes five 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	Auto transformer
125 A	3 P	9553 3012						
	4 P	9553 4012						
160 A	3 P	9553 3016	3 P 4109 3019	3 P 2694 3014 ⁽²⁾	3 P 1509 3012			
	4 P	9553 4016	4 P 4109 4019	4 P 2694 4014 ⁽²⁾	4 P 1509 4012			
200 A	3 P	9553 3020						
	4 P	9553 4020						
250 A	3 P	9553 3025	3 P 4109 3025			1599 0002 ⁽⁴⁾	9599 0003 ⁽⁴⁾	
	4 P	9553 4025	4 P 4109 4025					
315 A	3 P	9553 3031	3 P 4109 3039	3 P 2694 3021 ⁽²⁾	3 P 1509 3025			
	4 P	9553 4031		4 P 2694 4021 ⁽²⁾	4 P 1509 4025			
400 A	3 P	9553 3040	4 P 4109 4039					
	4 P	9553 4040						
500 A	3 P	9553 3050	3 P 4109 3050	3 P 2694 3051 ⁽²⁾	3 P 1509 3063 ⁽³⁾			
	4 P	9553 4050	4 P 4109 4050					
630 A	3 P	9553 3063	3 P 4109 3063	4 P 2694 4051 ⁽²⁾	4 P 1509 4063 ⁽³⁾			400/230 VAC 1599 4064
	4 P	9553 4063	4 P 4109 4063					
800 A	3 P	9553 3080	3 P 4109 3080					
	4 P	9553 4080						
1000 A	3 P	9553 3100	4 P 4109 4080		3 P 1509 3080 ⁽³⁾			
	4 P	9553 4100			4 P 1509 4080 ⁽³⁾			
1250 A	3 P	9553 3120	3 P 4109 3120			1599 0032 ⁽⁴⁾		
	4 P	9553 4120	4 P 4109 4120					
1600 A	3 P	9553 3160	3 P 4109 3160		3 P 1509 3160 ⁽³⁾		9599 0004 ⁽⁴⁾	
	4 P	9553 4160	4 P 4109 4160		4 P 1509 4160 ⁽³⁾			
2000 A	3 P	9553 3200						
	4 P	9553 4200						
2500 A	3 P	9553 3250	(1)		included	included		
	4 P	9553 4250						
3200 A	3 P	9553 3320						
	4 P	9553 4320						

(1) See "Copper bar connection kits" page

(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 (ATyS, ATyS d, t, g and p). To order this option simply add "-K" after the ATyS reference.

Technical information

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