



ATyS t

Automatic changeover switches
from 125 to 3200 A

Changeover
switches

new



The solution for

- > Transformer-Transformer applications



Strong points

- > Rapid commissioning.
- > Functions adapted to transformer/transformer applications

Conformity to standards

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



Enclosed solution

- > Please consult us

Function

ATyS t 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/transformer** 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 two 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 t switches offer significant time saving during commissioning (process takes 2 to 3 minutes). Because they have only two potentiometers and four DIP switches, a simple screwdriver is all you need 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/transformer applications

ATyS t products are automatic changeover switches intended specifically for transformer/transformer 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.

References

Rating (A)	No. of poles	ATyS t ⁽⁵⁾	Bridging bars	Terminal shrouds	Terminal screens	Auxiliary contact	3 position padlocking	Auto transformer						
125 A	3 P	9543 3012	3 P 4109 3019 4 P 4109 4019	3 P 2694 3014 ⁽²⁾ 4 P 2694 4014 ⁽²⁾	3 P 1509 3012 4 P 1509 4012	1599 0002 ⁽⁴⁾	9599 0003 ⁽⁴⁾	400/230 VAC 1599 4064						
	4 P	9543 4012												
160 A	3 P	9543 3016							3 P 2694 3021 ⁽²⁾ 4 P 2694 4021 ⁽²⁾	3 P 1509 3025 4 P 1509 4025				
	4 P	9543 4016												
200 A	3 P	9543 3020									3 P 4109 3050 4 P 4109 4050	3 P 1509 3063 ⁽³⁾ 4 P 1509 4063 ⁽³⁾		
	4 P	9543 4020												
250 A	3 P	9543 3025											3 P 2694 3051 ⁽²⁾ 4 P 2694 4051 ⁽²⁾	3 P 1509 3080 ⁽³⁾ 4 P 1509 4080 ⁽³⁾
	4 P	9543 4025												
315 A	3 P	9543 3031	3 P 4109 3120 4 P 4109 4120	3 P 1509 3160 ⁽³⁾ 4 P 1509 4160 ⁽³⁾										
	4 P	9543 4031												
400 A	3 P	9543 3040			3 P 4109 3080 4 P 4109 4080				3 P 1509 3200 ⁽³⁾ 4 P 1509 4200 ⁽³⁾					
	4 P	9543 4040												
500 A	3 P	9543 3050								3 P 4109 3160 4 P 4109 4160	3 P 1509 3250 ⁽³⁾ 4 P 1509 4250 ⁽³⁾			
	4 P	9543 4050												
630 A	3 P	9543 3063										3 P 4109 3320 4 P 4109 4320	3 P 1509 3320 ⁽³⁾ 4 P 1509 4320 ⁽³⁾	
	4 P	9543 4063												
800 A	3 P	9543 3080	(1)	included		included								
	4 P	9543 4080												
1000 A	3 P	9543 3100			3 P 4109 3320 4 P 4109 4320		3 P 1509 3320 ⁽³⁾ 4 P 1509 4320 ⁽³⁾							
	4 P	9543 4100												
1250 A	3 P	9543 3120						3 P 4109 3320 4 P 4109 4320	3 P 1509 3320 ⁽³⁾ 4 P 1509 4320 ⁽³⁾					
	4 P	9543 4120												
1600 A	3 P	9543 3160								3 P 4109 3320 4 P 4109 4320	3 P 1509 3320 ⁽³⁾ 4 P 1509 4320 ⁽³⁾			
	4 P	9543 4160												
2000 A	3 P	9543 3200	3 P 4109 3320 4 P 4109 4320	3 P 1509 3320 ⁽³⁾ 4 P 1509 4320 ⁽³⁾										
	4 P	9543 4200												
2500 A	3 P	9543 3250			3 P 4109 3320 4 P 4109 4320	3 P 1509 3320 ⁽³⁾ 4 P 1509 4320 ⁽³⁾								
	4 P	9543 4250												
3200 A	3 P	9543 3320					3 P 4109 3320 4 P 4109 4320	3 P 1509 3320 ⁽³⁾ 4 P 1509 4320 ⁽³⁾						
	4 P	9543 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.