



ATyS t - ATyS g

Automatic Transfer Switching Equipment from 125 to 3200 A

Transfer switches

new



The solution for

- > Mains/mains applications (ATyS t)
- > Mains/genset applications (ATyS g)



Strong points

- > Rapid commissioning
- > ATyS d with integrated controller for functions dedicated to mains/mains or mains/genset applications

Conformity to standards

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



Function

ATyS t and g are three-phase automatic transfer switches, 3 or 4 poles, with positive break indication. They incorporate all the functions offered by the ATyS d, as well as functions intended for **mains/mains** application (ATyS t) and **mains/genset** applications (ATyS g). 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 supply systems where a brief interruption of the load supply is acceptable during transfer.

Advantages

Rapid commissioning

ATyS t and g switches offer significant time saving during commissioning (process takes 2 to 3 minutes). Thanks to the design that allows commissioning through just two potentiometers (4 on the ATyS g) and four DIP switches, a screwdriver is all that is required to configure the parameters.

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

ATyS t: specifically designed for mains/mains applications

The ATyS t integrated controller has been designed to provide only the functions required for these applications (operation with or without priority, preferred source selection) together with the monitoring of the voltage and frequency of both sources, for three-phase and single-phase networks.

ATyS g: specifically designed for mains/genset applications

The ATyS g integrated controller has been designed to provide specific functions for these applications (genset startup, on-load or off-load tests...) together with the monitoring of the voltage and frequency of both sources for three-phase and single-phase networks.

References

Rating (A) / Frame size	No. of poles	ATyS t	ATyS g	Bridging bars	Voltage sensing and power supply tap	Terminal shrouds	Terminal screens	Auxiliary contact
125 A / B3	3 P	9543 3012	9553 3012					
	4 P	9543 4012	9553 4012					
160 A / B3	3 P	9543 3016	9553 3016	3 P 4109 3019 4 P 4109 4019	3 P 1559 3012 4 P 1559 4013 ⁽¹⁾	3 P 2694 3014 ⁽³⁾ 4 P 2694 4014 ⁽³⁾	3 P 1509 3012 4 P 1509 4012	
	4 P	9543 4016	9553 4016					
200 A / B3	3 P	9543 3020	9553 3020					
	4 P	9543 4020	9553 4020					
250 A / B4	3 P	9543 3025	9553 3025	3 P 4109 3025 4 P 4109 4025	3 P 1559 3025 4 P 1559 4026 ⁽²⁾	3 P 2694 3021 ⁽³⁾ 4 P 2694 4021 ⁽³⁾	3 P 1509 3025 4 P 1509 4025	1599 0002 ⁽⁵⁾
	4 P	9543 4025	9553 4025					
315 A / B4	3 P	9543 3031	9553 3031	3 P 4109 3039 4 P 4109 4039	3 P 1559 3040 4 P 1559 4041 ⁽²⁾	3 P 2694 3021 ⁽³⁾ 4 P 2694 4021 ⁽³⁾	3 P 1509 3025 4 P 1509 4025	
	4 P	9543 4031	9553 4031					
400 A / B4	3 P	9543 3040	9553 3040	3 P 4109 3039 4 P 4109 4039	3 P 1559 3040 4 P 1559 4041 ⁽²⁾	3 P 2694 3021 ⁽³⁾ 4 P 2694 4021 ⁽³⁾	3 P 1509 3025 4 P 1509 4025	
	4 P	9543 4040	9553 4040					
500 A / B5	3 P	9543 3050	9553 3050	3 P 4109 3050 4 P 4109 4050	3 P 1559 3063 4 P 1559 4064 ⁽²⁾	3 P 2694 3051 ⁽³⁾ 4 P 2694 4051 ⁽³⁾	3 P 1509 3063 ⁽⁴⁾ 4 P 1509 4063 ⁽⁴⁾	
	4 P	9543 4050	9553 4050					
630 A / B5	3 P	9543 3063	9553 3063	3 P 4109 3063 4 P 4109 4063	3 P 1559 3063 4 P 1559 4064 ⁽²⁾	3 P 2694 3051 ⁽³⁾ 4 P 2694 4051 ⁽³⁾	3 P 1509 3063 ⁽⁴⁾ 4 P 1509 4063 ⁽⁴⁾	
	4 P	9543 4063	9553 4063					
800 A / B6	3 P	9543 3080	9553 3080	3 P 4109 3080 4 P 4109 4080	3 P 1559 3080 4 P 1559 4081 ⁽²⁾	3 P 2694 3051 ⁽³⁾ 4 P 2694 4051 ⁽³⁾	3 P 1509 3080 ⁽⁴⁾ 4 P 1509 4080 ⁽⁴⁾	1599 0032 ⁽⁵⁾
	4 P	9543 4080	9553 4080					
1000 A / B6	3 P	9543 3100	9553 3100	3 P 4109 3080 4 P 4109 4080	3 P 1559 3080 4 P 1559 4081 ⁽²⁾	3 P 2694 3051 ⁽³⁾ 4 P 2694 4051 ⁽³⁾	3 P 1509 3080 ⁽⁴⁾ 4 P 1509 4080 ⁽⁴⁾	
	4 P	9543 4100	9553 4100					
1250 A / B6	3 P	9543 3120	9553 3120	3 P 4109 3120 4 P 4109 4120	3 P 1559 3120 4 P 1559 4121 ⁽²⁾	3 P 2694 3051 ⁽³⁾ 4 P 2694 4051 ⁽³⁾	3 P 1509 3080 ⁽⁴⁾ 4 P 1509 4080 ⁽⁴⁾	
	4 P	9543 4120	9553 4120					
1600 A / B7	3 P	9543 3160	9553 3160	3 P 4109 3160 4 P 4109 4160	3 P 1559 3160 4 P 1559 4161 ⁽²⁾	3 P 2694 3051 ⁽³⁾ 4 P 2694 4051 ⁽³⁾	3 P 1509 3160 ⁽⁴⁾ 4 P 1509 4160 ⁽⁴⁾	
	4 P	9543 4160	9553 4160					
2000 A / B8	3 P	9543 3200	9553 3200					
	4 P	9543 4200	9553 4200					
2500 A / B8	3 P	9543 3250	9553 3250	(1)	3 P 1559 3200 4 P 1559 4201 ⁽²⁾		3 P 1509 3200 ⁽⁴⁾ 4 P 1509 4200 ⁽⁴⁾	d'origine
	4 P	9543 4250	9553 4250					
3200 A / B8	3 P	9543 3320	9553 3320					
	4 P	9543 4320	9553 4320					

(1) Neutral on the left for neutral on the right, see page 71.

(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.

Technical information

- > Accessories: see page 70.
- > Characteristics: see page 76.
- > Terminals and connections: see page 78.
- > Dimensions: see page 80.