



ATyS g

Automatic Transfer Switching Equipment from 125 to 3200 A

Transfer switches



atys-g_001.psd

Function

ATyS g are 3 or 4 pole automatic transfer switches, with positive break indication. They incorporate all the functions offered by the ATyS r, as well as functions intended for **mains/mains** and **mains/genset** applications.

In automatic mode they enable the monitoring of, and the on-load changeover between, two power supply sources, in accordance with the parameters configured via potentiometers and DIP switches. Remote monitoring of the ATyS g is possible with the optional RS485 communication module.

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 g switches offer significant time saving during commissioning (process takes 2 to 3 minutes). Owing to the design that allows commissioning through just four potentiometers 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.

Specifically designed for mains/mains and mains/genset applications

The ATyS g's 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.

The generator supply must be connected to switch II, located at the rear.

RS485 communication

An optional RS485 communication module (p/n 4825 0092) can be fitted to the ATyS g controller.

It allows remote monitoring of available power sources and their parameters, timers, as well as displaying the product's status and configuration.

Communication speed is up to 38400 bauds.

The solution for

- > Mains/mains and mains/genset applications



Strong points

- > Rapid commissioning
- > ATS with integrated DPS and controller for functions dedicated to mains/mains or mains/genset applications

Conformity to standards

- > IEC 60947-6-1
- > IEC 60947-3
- > GB/T 14048.11



Approvals and certifications⁽¹⁾



BUREAU
VERITAS



⁽¹⁾ Product references on request.

Enclosed RTSE



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See "Enclosed transfer switches".

References

ATyS g

Rating (A) / Frame size	No. of poles	ATyS g	Bridging bars ⁽³⁾	Voltage sensing and power supply kit	Terminal shrouds	Terminal screens	Auxiliary contact					
125 A / B3	3 P	9553 3012	4109 0019	3 P 1559 3012 4 P 1559 4012	3 P 2694 3014 ⁽²⁾ 4 P 2694 4014 ⁽²⁾	3 P 1509 3012 4 P 1509 4012	1599 0502					
	4 P	9553 4012										
160 A / B3	3 P	9553 3016										
	4 P	9553 4016										
200 A / B3	3 P	9553 3020										
	4 P	9553 4020										
250 A / B4	3 P	9553 3025						4109 0025	1559 3025	3 P 2694 3021 ⁽²⁾ 4 P 2694 4021 ⁽²⁾	3 P 1509 3025 4 P 1509 4025	1599 0502
	4 P	9553 4025							1559 4025			
315 A / B4	3 P	9553 3031	4109 0039	3 P 1559 3040 4 P 1559 4040								
	4 P	9553 4031										
400 A / B4	3 P	9553 3040										
	4 P	9553 4040										
500 A / B5	3 P	9553 3050	4109 0050	3 P 1559 3063 4 P 1559 4063	3 P 2694 3051 ⁽²⁾ 4 P 2694 4051 ⁽²⁾	3 P 1509 3063 4 P 1509 4063	1599 0532					
	4 P	9553 4050										
630 A / B5	3 P	9553 3063	4109 0063									
	4 P	9553 4063										
800 A / B6	3 P	9553 3080	4109 0080	3 P 1559 3080 4 P 1559 4080								
	4 P	9553 4080										
1000 A / B6	3 P	9553 3100										
	4 P	9553 4100										
1250 A / B6	3 P	9553 3120	4109 0120	1559 3120								
	4 P	9553 4120		1559 4120								
1600 A / B7	3 P	9553 3160	4109 0160	1559 3160	1509 3160							
	4 P	9553 4160		1559 4160	1509 4160							
2000 A / B8	3 P	9553 3200	(1)	3 P 1559 3200 4 P 1559 4200	3 P 1509 3200 4 P 1509 4200	included						
	4 P	9553 4200										
2500 A / B8	3 P	9553 3250										
	4 P	9553 4250										
3200 A / B8	3 P	9553 3320										
	4 P	9553 4320										

(1) See "Copper bar connection pieces".

(2) For complete shrouding at front, rear, top and bottom, order quantity 4; if equipped with bridging bars order quantity 3. For top and bottom shrouding for the front only, order quantity 2.

(3) For a 3 pole device order quantity 3 bridging bars, for a 4 pole device order quantity 4.