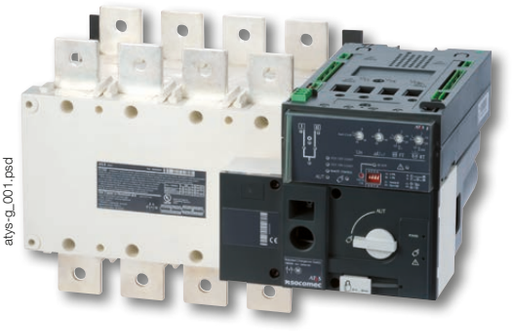
ATyS g

Automatic Transfer Switching Equipment

from 125 to 3200 A



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 two potentiometers and four 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.

Optional RS845 communication module

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

It allows remote monitoring of available power sources and their parameters, timers, as well as carrying out generator tests. 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

See "Enclosed transfer switches".

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References

ATyS g

Rating (A) / Frame size	No. of poles	ATyS g	Bridging bars	Voltage sensing and power supply tap	Terminal shrouds	Terminal screens	Auxiliary contact
125 A / B3	3 P	9553 **3012**	3 P 4109 **3019** 4 P 4109 **4019**	3 P 1559 **3012** 4 P 1559 **4012**(1)	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 **3025**	1559 **3025**	3 P 2694 **3021**(2) 4 P 2694 **4021**(2)	3 P 1509 **3025** 4 P 1509 **4025**	
	4 P	9553 **4025**	4109 **4025**	1559 **4025**			
315 A / B4	3 P	9553 **3031**	3 P 4109 **3039** 4 P 4109 **4039**	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 **3050**	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**	
	4 P	9553 **4050**	4109 **4050**				
630 A / B5	3 P	9553 **3063**	4109 **3063**				
	4 P	9553 **4063**	4109 **4063**				
800 A / B6	3 P	9553 **3080**	3 P 4109 **3080** 4 P 4109 **4080**	3 P 1559 **3080** 4 P 1559 **4080**		3 P 1509 **3080** 4 P 1509 **4080**	1599 **0532**
	4 P	9553 **4080**					
1000 A / B6	3 P	9553 **3100**					
	4 P	9553 **4100**					
1250 A / B6	3 P	9553 **3120**	4109 **3120**	1559 **3120**			
	4 P	9553 **4120**	4109 **4120**	1559 **4120**			
1600 A / B7	3 P	9553 **3160**	4109 **3160**	1559 **3160**		1509 **3160**	
	4 P	9553 **4160**	4109 **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) To fully shroud front, rear, top and bottom 4 references required.
To shroud front switch top and bottom 2 references required.