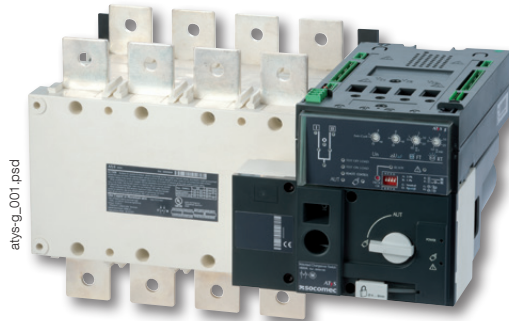




# ATyS g

## Automatic Transfer Switching Equipment from 125 to 3200 A

Transfer switches



### 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<sup>(1)</sup>



BUREAU  
VERITAS



<sup>(1)</sup> Product references on request.

### Enclosed RTSE



See "Enclosed transfer switches".

## 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.

## References

### ATyS g

Rating (A) / Frame size	No. of poles	ATyS g+ Bridging bars	Voltage sensing and power supply kit	Terminal shrouds <sup>(2)</sup>	Terminal screens	Auxiliary contact
125 A / B3	4 P	9553 4012SLVR	1559 4012	2694 4014	1509 4012	1599 0502
160 A / B3	4 P	9553 4016SLVR				
200 A / B3	4 P	9553 4020SLVR				
250 A / B4	4 P	9553 4025SLVR	1559 4025	2694 4021	1509 4025	
315 A / B4	4 P	9553 4031SLVR	1559 4040			
400 A / B4	4 P	9553 4040SLVR	1559 4063	2694 4051	1509 4063	
500 A / B5	4 P	9553 4050SLVR				
630 A / B5	4 P	9553 4063SLVR				
800 A / B6	4 P	9553 4080SLVR	1559 4080	-	1509 4080	1599 0532
1000 A / B6	4 P	9553 4100SLVR				
1250 A / B6	4 P	9553 4120SLVR	1559 4120			
1600 A / B7	4 P	9553 4160SLVR	1559 4160		1509 4160	
2000 A / B8	4 P	9553 4200G	1559 4200	-	1509 4200	included
2500 A / B8	4 P	9553 4250G				
3200 A / B8	4 P	9553 4320G				

(1) 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.