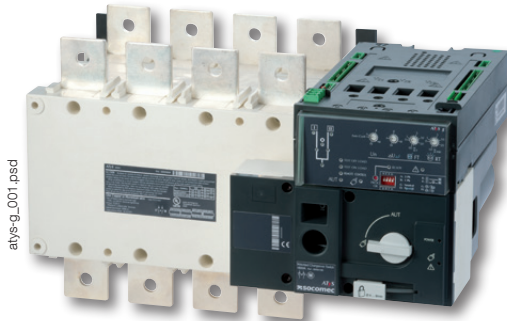




ATyS g

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⁽¹⁾



BUREAU
VERITAS



⁽¹⁾ 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 ⁽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 | | | | | | |
| | 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 | | | | | | |
| | 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 | | | | 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 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.