

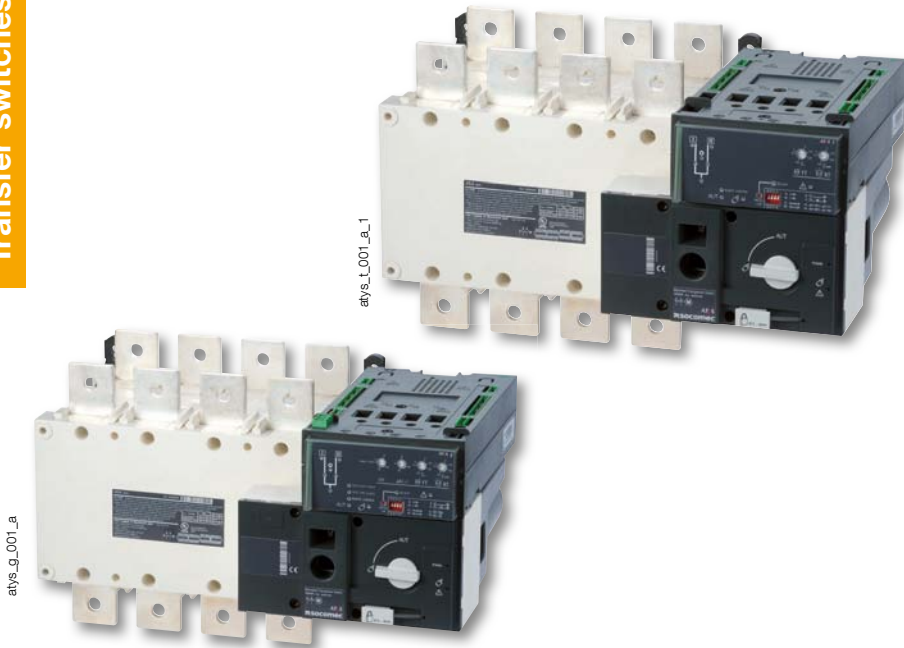


ATyS t - ATyS g

Automatic Transfer Switching Equipment

from 125 to 3200 A

Transfer switches



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
- > GB 14048.11



Approvals and certifications⁽¹⁾



BUREAU
VERITAS

(1) Product references on request.

Function

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

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.

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). Owing 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's 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'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.

References

ATyS t - ATyS g

| 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 | 3 P 1559 3012 | 3 P 2694 3014 ⁽²⁾ | 3 P 1509 3012 | |
| | 4 P | 9543 4016 | 9553 4016 | 4 P 4109 4019 | 4 P 1559 4012 ⁽¹⁾ | 4 P 2694 4014 ⁽²⁾ | 4 P 1509 4012 | |
| 200 A / B3 | 3 P | 9543 3020 | 9553 3020 | | | | | |
| | 4 P | 9543 4020 | 9553 4020 | | | | | |
| 250 A / B4 | 3 P | 9543 3025 | 9553 3025 | 4109 3025 | 1559 3025 | | | 1599 0502 |
| | 4 P | 9543 4025 | 9553 4025 | 4109 4025 | 1559 4025 | | | |
| 315 A / B4 | 3 P | 9543 3031 | 9553 3031 | | | 3 P 2694 3021 ⁽²⁾ | 3 P 1509 3025 | |
| | 4 P | 9543 4031 | 9553 4031 | 3 P 4109 3039 | 3 P 1559 3040 | 4 P 2694 4021 ⁽²⁾ | 4 P 1509 4025 | |
| 400 A / B4 | 3 P | 9543 3040 | 9553 3040 | 4 P 4109 4039 | 4 P 1559 4040 | | | |
| | 4 P | 9543 4040 | 9553 4040 | | | | | |
| 500 A / B5 | 3 P | 9543 3050 | 9553 3050 | 4109 3050 | | | | |
| | 4 P | 9543 4050 | 9553 4050 | 4109 4050 | 3 P 1559 3063 | 3 P 2694 3051 ⁽²⁾ | 3 P 1509 3063 | |
| 630 A / B5 | 3 P | 9543 3063 | 9553 3063 | 4109 3063 | 4 P 1559 4063 | 4 P 2694 4051 ⁽²⁾ | 4 P 1509 4063 | |
| | 4 P | 9543 4063 | 9553 4063 | 4109 4063 | | | | |
| 800 A / B6 | 3 P | 9543 3080 | 9553 3080 | | | | | |
| | 4 P | 9543 4080 | 9553 4080 | 3 P 4109 3080 | 3 P 1559 3080 | | | |
| 1000 A / B6 | 3 P | 9543 3100 | 9553 3100 | 4 P 4109 4080 | 4 P 1559 4080 | | 3 P 1509 3080 | |
| | 4 P | 9543 4100 | 9553 4100 | | | | 4 P 1509 4080 | |
| 1250 A / B6 | 3 P | 9543 3120 | 9553 3120 | 4109 3120 | 1559 3120 | | | 1599 0532 |
| | 4 P | 9543 4120 | 9553 4120 | 4109 4120 | 1559 4120 | | | |
| 1600 A / B7 | 3 P | 9543 3160 | 9553 3160 | 4109 3160 | 1559 3160 | | 1509 3160 | |
| | 4 P | 9543 4160 | 9553 4160 | 4109 4160 | 1559 4160 | | 1509 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 | | 3 P 1509 3200 | included |
| | 4 P | 9543 4250 | 9553 4250 | | 4 P 1559 4200 | | 4 P 1509 4200 | |
| 3200 A / B8 | 3 P | 9543 3320 | 9553 3320 | | | | | |
| | 4 P | 9543 4320 | 9553 4320 | | | | | |

(1) See "Copper bar connection pieces" page 453.

(2) To fully shroud front, rear, top and bottom 4 references required.
To shroud front switch top and bottom 2 references required.

Technical information

- > Accessories: see page 452.
- > Characteristics: see page 460.
- > Terminals and connections: see page 462.
- > Dimensions: see page 464.