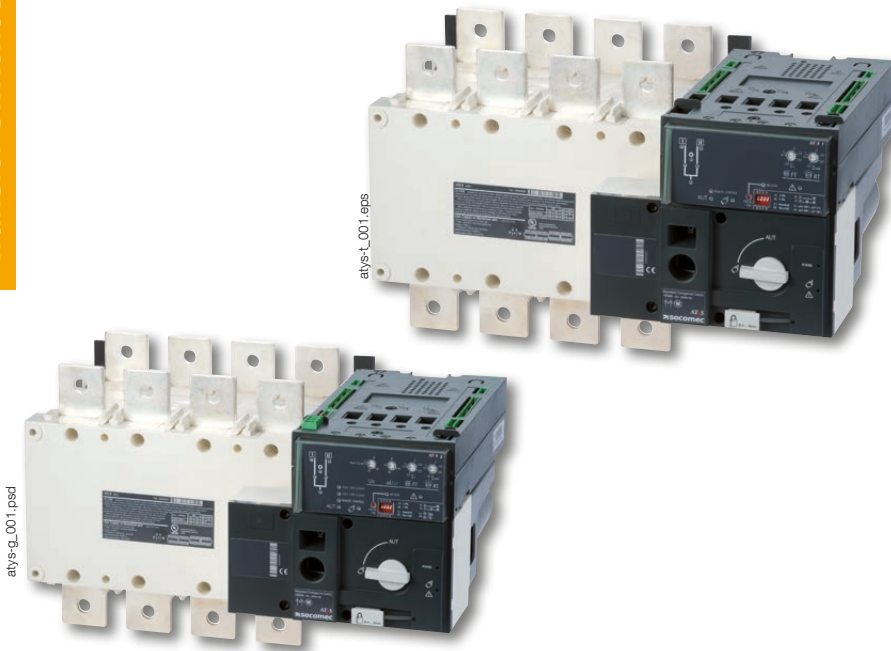


ATyS *t* - ATyS *g*

Automatic Transfer Switching Equipment

from 125 to 3200 A

Transfer switches



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. 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 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/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.

ATyS g: optional RS485 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 applications (ATyS t)
- > Mains/mains and mains/genset applications (ATyS g)



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".

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	1599 0502
	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			
	4 P	9543 4025	9553 4025	4109 4025	1559 4025			
315 A / B4	3 P	9543 3031	9553 3031	3 P 4109 3039	3 P 1559 3040	3 P 2694 3021 ⁽²⁾	3 P 1509 3025	
	4 P	9543 4031	9553 4031			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	3 P 1559 3063	3 P 2694 3051 ⁽²⁾	3 P 1509 3063	
	4 P	9543 4050	9553 4050	4109 4050				
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	3 P 4109 3080	3 P 1559 3080			
	4 P	9543 4080	9553 4080					4 P 4109 4080
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			
	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	
	4 P	9543 4250	9553 4250					4 P 1559 4200
3200 A / B8	3 P	9543 3320	9553 3320					
	4 P	9543 4320	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.