

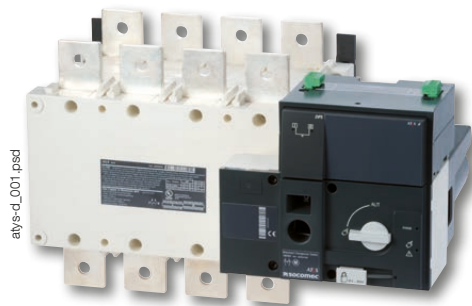
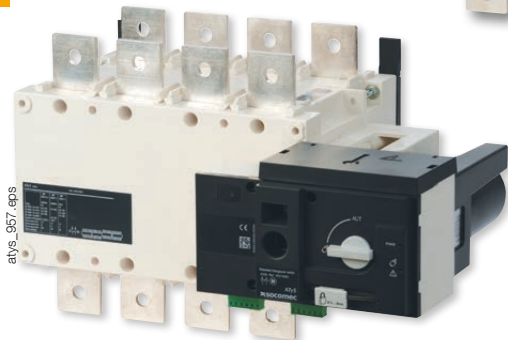


ATyS *r* - ATyS *d*

Remotely operated Transfer Switching Equipment

from 125 to 3200 A

Transfer switches



Function

ATyS *r* and ATyS *d* are 3 or 4 pole remotely operated motorised transfer switches with positive break indication.

They enable the on-load transfer of two three-phase power supplies via remote volt-free contacts, from either an external automatic controller, using pulse logic, or a switch.

They are intended for use in low voltage power systems where interruption of the load supply is acceptable during transfer.

Advantages

Watchdog relay to check product availability

ATyS *r* and ATyS *d* products are equipped with a Watchdog relay which constantly monitors your product, thereby securing the installation.

This relay informs in real time the user of the product's availability, i.e. whether it is operational and ready for source switching.

Integrated auxiliary contacts

As part of the product monitoring function, the ATyS *r* and ATyS *d* enable the transmission of information relating to their position. This is possible thanks to the standard integration of an auxiliary contact for each position.

Extended power supply range

ATyS *r* and ATyS *d* products offer greater availability thanks to their extensive power supply range of 208 to 277 VAC \pm 20%.

Even more robust

The updated design includes metal mounting legs across the entire ATyS range, improving the overall robustness of the switches. It also allows an easier and trouble-free mounting of the switches on a back plate with pre-assembled screws.

ATyS *d*: integrated dual power supply

In addition to the functions offered by the ATyS *r*, the ATyS *d* incorporates supply redundancy without the need for additional wiring. This is obtained by integrating a double supply (2 independent power supplies) directly within the product.

The solution for

- > Applications with an external ATS/AMF controller
- > Building Management Systems (BMS)



Strong points

- > Watchdog relay to check product availability
- > Integrated auxiliary contacts
- > Extended power supply range
- > ATyS *d*: integrated dual power supply

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.

External automatic controller

- > The ATyS *r* are compatible with our ATyS C25 external controllers (for mains/mains and mains/genset applications) with integrated dual power supply offering power redundancy to the controller and the motor unit. ATyS *r* are also compatible with ATyS C55 and ATyS C65 controllers offering more features and functionality.

Enclosed RTSE



See "Enclosed transfer switches".

References

ATyS r - ATyS d

Rating (A) / Frame size	No. of poles	ATyS r	ATyS d	Bridging bars	Terminal shrouds	Terminal screens	Auxiliary contact	3 position padlocking	Auto transformer
125 A / B3	3 P	9523 3012	9533 3012						
	4 P	9523 4012	9533 4012						
160 A / B3	3 P	9523 3016	9533 3016	3 P 4109 3019 4 P 4109 4019	3 P 2694 3014 ⁽²⁾ 4 P 2694 4014 ⁽²⁾	3 P 1509 3012 4 P 1509 4012			
	4 P	9523 4016	9533 4016						
200 A / B3	3 P	9523 3020	9533 3020						
	4 P	9523 4020	9533 4020						
250 A / B4	3 P	9523 3025	9533 3025	3 P 4109 3025 4 P 4109 4025			1599 0502	9599 0003 ⁽³⁾	
	4 P	9523 4025	9533 4025						
315 A / B4	3 P	9523 3031	9533 3031	3 P 4109 3039 4 P 4109 4039	3 P 2694 3021 ⁽²⁾ 4 P 2694 4021 ⁽²⁾	3 P 1509 3025 4 P 1509 4025			
	4 P	9523 4031	9533 4031						
400 A / B4	3 P	9523 3040	9533 3040						
	4 P	9523 4040	9533 4040						
500 A / B5	3 P	9523 3050	9533 3050	3 P 4109 3050 4 P 4109 4050	3 P 2694 3051 ⁽²⁾ 4 P 2694 4051 ⁽²⁾	3 P 1509 3063 4 P 1509 4063			400/230 VAC 1599 4064
	4 P	9523 4050	9533 4050						
630 A / B5	3 P	9523 3063	9533 3063	3 P 4109 3063 4 P 4109 4063					
	4 P	9523 4063	9533 4063						
800 A / B6	3 P	9523 3080	9533 3080	3 P 4109 3080 4 P 4109 4080					
	4 P	9523 4080	9533 4080						
1000 A / B6	3 P	9523 3100	9533 3100			3 P 1509 3080 4 P 1509 4080	1599 0532		
	4 P	9523 4100	9533 4100						
1250 A / B6	3 P	9523 3120	9533 3120	3 P 4109 3120 4 P 4109 4120					
	4 P	9523 4120	9533 4120						
1600 A / B7	3 P	9523 3160	9533 3160	3 P 4109 3160 4 P 4109 4160		3 P 1509 3160 4 P 1509 4160		9599 0004 ⁽³⁾	
	4 P	9523 4160	9533 4160						
2000 A / B8	3 P	9523 3200	9533 3200						
	4 P	9523 4200	9533 4200						
2500 A / B8	3 P	9523 3250	9533 3250	(1)		3 P 1509 3200 4 P 1509 4200	included		
	4 P	9523 4250	9533 4250						
3200 A / B8	3 P	9523 3320	9533 3320						
	4 P	9523 4320	9533 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 (Whenever a bridging beam is fitted, it is then only possible to fit 3 times the reference for the terminal cover).

(3) Factory mounting only.