



ATyS r - ATyS d

Remotely operated Transfer Switching Equipment from 125 to 3200 A

Transfer switches



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 and ATyS d are compatible with our ATyS C30 external controllers (for mains/mains and mains/genset applications) and ATyS C40 controllers (for genset/genset applications).

Enclosed RTSE



See "Enclosed 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 ± 20%.

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.

Submitted by TECO Group

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	3 P 2694 3014 ⁽²⁾	3 P 1509 3012			
	4 P	9523 4016	9533 4016	4 P 4109 4019	4 P 2694 4014 ⁽²⁾	4 P 1509 4012			
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			1599 0502	9599 0003 ⁽³⁾	
	4 P	9523 4025	9533 4025	4 P 4109 4025					
315 A / B4	3 P	9523 3031	9533 3031		3 P 2694 3021 ⁽²⁾	3 P 1509 3025			
	4 P	9523 4031	9533 4031		3 P 4109 3039	4 P 2694 4021 ⁽²⁾			
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	9523 4050	9533 4050	4 P 4109 4050					
630 A / B5	3 P	9523 3063	9533 3063	3 P 4109 3063	3 P 2694 3051 ⁽²⁾	3 P 1509 3063			400/230 VAC 1599 4064
	4 P	9523 4063	9533 4063	4 P 4109 4063	4 P 2694 4051 ⁽²⁾	4 P 1509 4063			
800 A / B6	3 P	9523 3080	9533 3080						
	4 P	9523 4080	9533 4080						
1000 A / B6	3 P	9523 3100	9533 3100						
	4 P	9523 4100	9533 4100						
1250 A / B6	3 P	9523 3120	9533 3120	3 P 4109 3120			1599 0532		
	4 P	9523 4120	9533 4120	4 P 4109 4120					
1600 A / B7	3 P	9523 3160	9533 3160			3 P 1509 3160		9599 0004 ⁽³⁾	
	4 P	9523 4160	9533 4160			4 P 4109 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)			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.

Technical information

- > Accessories: see
- > Characteristics: see
- > Terminals and connections: see
- > Dimensions: see