

ATyS r - ATyS d

Remotely operated Transfer Switching Equipment

from 125 to 3200 A





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.

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"

socomec Innovative Power Solutions

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**	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**	1599 **0502**	9599 **0003**(3)	400/230 VAC 1599 **4064**
	4 P	9523 **4012**	9533 **4012**						
160 A / B3	3 P	9523 **3016**	9533 **3016**						
	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**	3 P 2694 **3021**(2) 4 P 2694 **4021**(2)	3 P 1509 **3025** 4 P 1509 **4025**			
	4 P	9523 **4025**	9533 **4025**						
315 A / B4	3 P	9523 **3031**	9533 **3031**	3 P 4109 **3039** 4 P 4109 **4039**					
	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**			
	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**		3 P 1509 **3080** 4 P 1509 **4080**	1599 **0532**	9599 **0004**(3)	
	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** 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**			
	4 P	9523 **4160**	9533 **4160**						
2000 A / B8	3 P	9523 **3200**	9533 **3200**	(1)		3 P 1509 **3200** 4 P 1509 **4200**	included		
	4 P	9523 **4200**	9533 **4200**						
2500 A / B8	3 P	9523 **3250**	9533 **3250**						
	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