



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
- > IS/IEC 60947-3
- > GB 14048.11



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 onload 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 + Bridging bars	ATyS g + Bridging bars	Voltage sensing and power supply kit	Auxiliary contacts	Terminal shrouds ⁽²⁾	Terminal screens	Spreaders	Interphase barriers			
125 A / B3	3 P	9543 3012SL	9553 3012SL	3 P 1559 3012G 4 P 1559 4012G	1 st /2 nd NO/NC contact 1599 0502G	3 P 2694 3014A 4 P 2694 4014A	Standard 3 P 1509 3012A	3 P 4106 3016A 4 P 4106 4016A	3 P 2998 5036A 4 P 2998 5038A			
160 A / B3	4 P	9543 4012SL	9553 4012SL				4 P 1509 4012A					
	3 P	9543 3016SL	9553 3016SL				Wide 3 P 1509 3013A					
200 A / B3	4 P	9543 3020SL	9553 3020SL				4 P 1509 4013A					
	3 P	9543 4020SL	9553 4020SL									
250 A / B4	3 P	9543 3025SL	9553 3025SL	3 P 1559 3025G 4 P 1559 4025G		3 P 2694 3021A 4 P 2694 4021A	Standard 3 P 1509 3025A	4106 3025A	3 P 2998 5026A 4 P 2998 5028A			
	4 P	9543 4025SL	9553 4025SL	4 P 1509 4025A			4106 4025A					
315 A / B4	3 P	9543 3031SL	9553 3031SL	3 P 1559 3040G 4 P 1559 4040G			3 P 2694 3051A 4 P 2694 4051A	Wide 3 P 1509 4025A		3 P 4106 3040A 4 P 4106 4040A		
	4 P	9543 4031SL	9553 4031SL					4 P 1509 3026A 4 P 1509 4026A				
400 A / B4	3 P	9543 3040SL	9553 3040SL			3 P 1559 3063G 4 P 1559 4063G		1 st /2 nd NO/NC contact 1599 0532G	Wide 3 P 1509 3063A		3 P 4106 3063A 4 P 4106 4063A	3 P 2998 5016A 4 P 2998 5018A
	4 P	9543 4040SL	9553 4040SL						4 P 1509 4064A			
500 A / B5	3 P	9543 3050SL	9553 3050SL	3 P 1559 3063G 4 P 1559 4063G			3 P 2694 3051A 4 P 2694 4051A		Standard 3 P 1509 3063A	3P 4106 3050A 4P 4106 4050A		
	4 P	9543 4050SL	9553 4050SL		4 P 1509 4063A							
630 A / B5	3 P	9543 3063SL	9553 3063SL		3 P 1559 3063G 4 P 1559 4063G	3 P 2694 3051A 4 P 2694 4051A			Wide 3 P 1509 3064A	3 P 4106 3063A 4 P 4106 4063A		
	4 P	9543 4063SL	9553 4063SL						4 P 1509 4064A			
800 A / B6	3 P	9543 3080SL	9553 3080SL	3 P 1559 3080G 4 P 1559 4080G			1 st /2 nd NO/NC contact 1599 0532G		Standard 3 P 1509 3080A		3 P 4106 3120A 4 P 4106 4120A	
	4 P	9543 4080SL	9553 4080SL						4 P 1509 4080A			
1000 A / B6	3 P	9543 3100SL	9553 3100SL		3 P 1559 3120G 4 P 1559 4120G	3 P 2694 3051A 4 P 2694 4051A		Wide 3 P 1509 3081A				
	4 P	9543 4100SL	9553 4100SL					4 P 1509 4081A				
1250 A / B6	3 P	9543 3120SL	9553 3120SL	3 P 1559 3120G 4 P 1559 4120G				-	Standard 3 P 1509 3160A	-	included	
	4 P	9543 4120SL	9553 4120SL						4 P 1509 4160A			
1600 A / B7	3 P	9543 3160SL	9553 3160SL		3 P 1559 3160G 4 P 1559 4160G	1 st and 2 nd NO/NC contact included			Standard 3 P 1509 3200G	-		
	4 P	9543 4160SL	9553 4160SL						4 P 1509 4200G			
2000 A / B8	3 P	9543 3200G ⁽¹⁾	9553 3200G ⁽¹⁾	3 P 1559 3200G 4 P 1559 4200G			1 st and 2 nd NO/NC contact included	Standard 3 P 1509 3200G	-			
	4 P	9543 4200G ⁽¹⁾	9553 4200G ⁽¹⁾					4 P 1509 4200G				
2500 A / B8	3 P	9543 3250G ⁽¹⁾	9553 3250G ⁽¹⁾		3 P 1559 3250G 4 P 1559 4250G	1 st and 2 nd NO/NC contact included		Standard 3 P 1509 3250G		-		
	4 P	9543 4250G ⁽¹⁾	9553 4250G ⁽¹⁾					4 P 1509 4250G				
3200 A / B8	3 P	9543 3320G ⁽¹⁾	9553 3320G ⁽¹⁾	3 P 1559 3320G 4 P 1559 4320G			1 st and 2 nd NO/NC contact included	Standard 3 P 1509 3320G	-			
	4 P	9543 4320G ⁽¹⁾	9553 4320G ⁽¹⁾					4 P 1509 4320G				

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(1) Without bridging bars, to get them see "Copper bar connection pieces"

(2) To shroud front switch top and bottom, order quantity 2.

Technical information

> For reference including Voltage sensing and power supply kit, add "VR" at the end of the above reference, from 125 to 1600 A. And replace "G" by "VR" for 2000 to 3200 A

> Accessories: page 64.
> Characteristics: page 72.
> Terminals and connections: page 74.
> Dimensions: page 76.