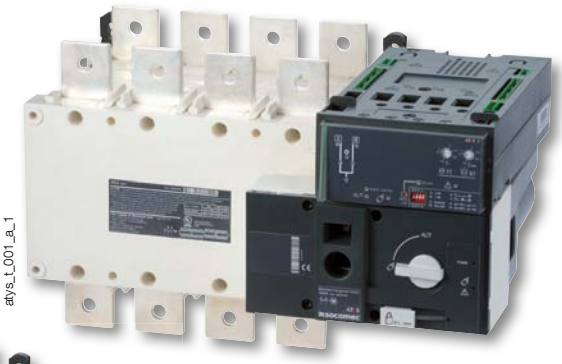


ATyS t - ATyS g

Automatic Transfer Switching Equipment

from 125 to 3200 A



atys_t_001_a_1



atys_g_001_a

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
- IEC 60947-3
- GB 14048.11

Approvals and certifications(1)

BUREAU VERITAS

(1) Product references on request.

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.

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.

socomec Innovative Power Solutions

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**	3 P 4109 **3019** 4 P 4109 **4019**	3 P 1559 **3012** 4 P 1559 **4012**(1)	3 P 2694 **3014**(2) 4 P 2694 **4014**(2)	3 P 1509 **3012** 4 P 1509 **4012**	1599 **0502**
	4 P	9543 **4012**	9553 **4012**					
160 A / B3	3 P	9543 **3016**	9553 **3016**					
	4 P	9543 **4016**	9553 **4016**					
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**	3 P 2694 **3021**(2) 4 P 2694 **4021**(2)	3 P 1509 **3025** 4 P 1509 **4025**	
	4 P	9543 **4025**	9553 **4025**	4109 **4025**	1559 **4025**			
315 A / B4	3 P	9543 **3031**	9553 **3031**	3 P 4109 **3039** 4 P 4109 **4039**	3 P 1559 **3040** 4 P 1559 **4040**			
	4 P	9543 **4031**	9553 **4031**					
400 A / B4	3 P	9543 **3040**	9553 **3040**					
	4 P	9543 **4040**	9553 **4040**					
500 A / B5	3 P	9543 **3050**	9553 **3050**	4109 **3050**	3 P 1559 **3063** 4 P 1559 **4063**	3 P 2694 **3051**(2) 4 P 2694 **4051**(2)	3 P 1509 **3063** 4 P 1509 **4063**	
	4 P	9543 **4050**	9553 **4050**	4109 **4050**				
630 A / B5	3 P	9543 **3063**	9553 **3063**	4109 **3063**				
	4 P	9543 **4063**	9553 **4063**	4109 **4063**				
800 A / B6	3 P	9543 **3080**	9553 **3080**	3 P 4109 **3080** 4 P 4109 **4080**	3 P 1559 **3080** 4 P 1559 **4080**		3 P 1509 **3080** 4 P 1509 **4080**	1599 **0532**
	4 P	9543 **4080**	9553 **4080**					
1000 A / B6	3 P	9543 **3100**	9553 **3100**					
	4 P	9543 **4100**	9553 **4100**					
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**	(1)	3 P 1559 **3200** 4 P 1559 **4200**		3 P 1509 **3200** 4 P 1509 **4200**	included
	4 P	9543 **4200**	9553 **4200**					
2500 A / B8	3 P	9543 **3250**	9553 **3250**					
	4 P	9543 **4250**	9553 **4250**					
3200 A / B8	3 P	9543 **3320**	9553 **3320**					
	4 P	9543 **4320**	9553 **4320**					

(1) See "Copper bar connection pieces" page 453.
(2) To fully shroud front, rear, top and bottom 4 references required.
To shroud front switch top and bottom 2 references required.

Technical information

> Accessories: see page 452.
> Characteristics: see page 460.
> Terminals and connections: see page 462.
> Dimensions: see page 464.