

ATyS p M

Automatic Transfer Switching Equipment

40 to 160 A



The solution for

- > High-rise buildings
- > Data centres
- > Healthcare buildings
- > Banks and insurance companies
- > Transport (airports, tunnels, etc.)



Strong points

- > Flexible programming
- > Trip function
- > Communication and configuration
- > Remote control interface

Conformity to standards

- > IEC 60947-6-1
- > IEC 60947-3
- > GB/T 14048.11



Approvals and certifications



Function

ATyS p M are single-phase or three-phase automatic transfer switches with positive break indication.

Functions include ATyS t M and ATyS g M capability, with additional programmable parameters and a tripping function. A product model with communication is available. They are intended for use in low voltage power supply systems where a brief interruption of the load supply is acceptable during transfer.

Advantages

Flexible programming

ATyS p M time delays and inputs/outputs are completely configurable, enabling the easy monitoring of specific applications (load shedding, testing, etc.) and the definition of an operating cycle specifically adapted to your application.

Trip function

ATyS p M features a function for returning to the 0 position in case of the loss of both power supply sources (tripping). This protects the load from issues due to source instability.

Communication and configuration

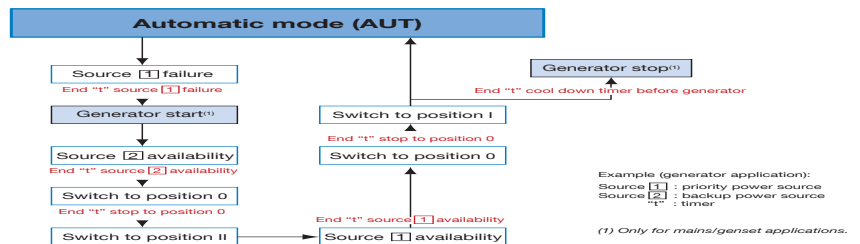
A specific version is available with integrated Modbus communication. This gives access to all product data (status, voltages, frequencies, etc.). Configuration software (Easy Config) is also available to save time and enable viewing and saving of all parameters.

Remote control interface

For installations where the product is enclosed, a remote interface is available to display product status on the front panel (D10) and give access to programming (D20).

What you need to know

ATyS p M are automatic transfer switches with an integrated ATS Controller. These products are self-powered from incoming supplies: 230 VAC (160 - 305 VAC), 50/60 Hz (45 - 65 Hz). Automatic products are all equipped with sequence logic. Here is an example of the sequence logic in case of loss and return of the preferred source.



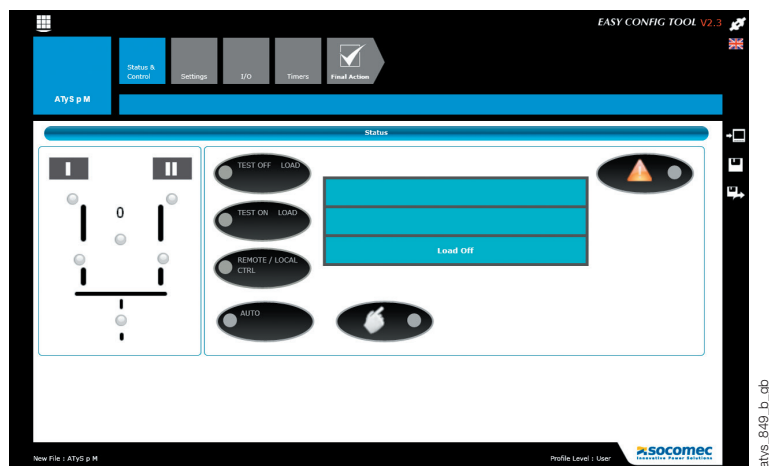
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Easy Config

The **Easy Config software** is the ideal solution to save time and simplify complex configuration.

The following parameters can be configured:

- application type,
- voltage and frequency thresholds,
- timers,
- inputs/outputs...



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References

ATyS p M

Rating (A)	No. of poles	Network (VAC) ⁽³⁾	ATyS p M	ATyS p M + com	Bridging bars	Voltage sensing and power supply tag	Terminal shrouds	Auxiliary contact block	Interface human/machine interface
40 A	4 P	230/400	9364 4004	9384 4004	4 P 1309 4006	2 pieces 1399 4006	2 pieces 2294 4016 ⁽¹⁾	1 piece	D10 9599 2010
63 A	4 P	230/400	9364 4006	9384 4006				Separate common points 1309 1001 ⁽²⁾	
80 A	4 P	230/400	9364 4008	9384 4008				Linked common points 1309 1011 ⁽²⁾	D20 9599 2020
100 A	4 P	230/400	9364 4010	9384 4010					
125 A	4 P	230/400	9364 4012	9384 4012	1309 4016				
160 A	4 P	230/400	9364 4016	9384 4016					

(1) For complete upstream and downstream protection, please order quantity 2.

(2) 1 NO/NC contact block for positions I, 0 and II.

(3) For 127/230VAC networks, please contact your supplier