

# ATyS p M

## Automatic Transfer Switching Equipment

from 40 to 160 A

new




atys-rnp_001_b_1_cat

*ATyS p M*
*I-0-II 4P*

## 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 triggering 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, hence enabling the easy monitoring of specific applications (load shedding, test…) and the definition of an operating cycle specifically adapted to your application.

### Trip function

ATyS p M provides a function for transferring the load to the 0 position in case of loss of both power supply sources (tripping). In this way the load is protected from issues due to source instability.

### Communication and configuration

A specific version of ATyS p M is available with integrated Modbus communication.
This gives acces to most product data (status, voltages, frequencies…).
A user friendly configuration software is also available free (Easyconfig) to configure, view and save all the parameters in the ATyS p M.

### Remote control interface

Specifically designed for installations where the product is enclosed, the remote interface displays product status on the front panel (D10) or displays and controls with access to programming (D20).

## The solution for

- High Rise Buildings
- Data centre
- Healthcare buildings
- Banking and Insurance
- Transportation (Airports, tunnels…)



## Strong points

- Flexible programming
- Trip function
- Modbus communication and configuration software
- Remote control interface

## Conformity to standards

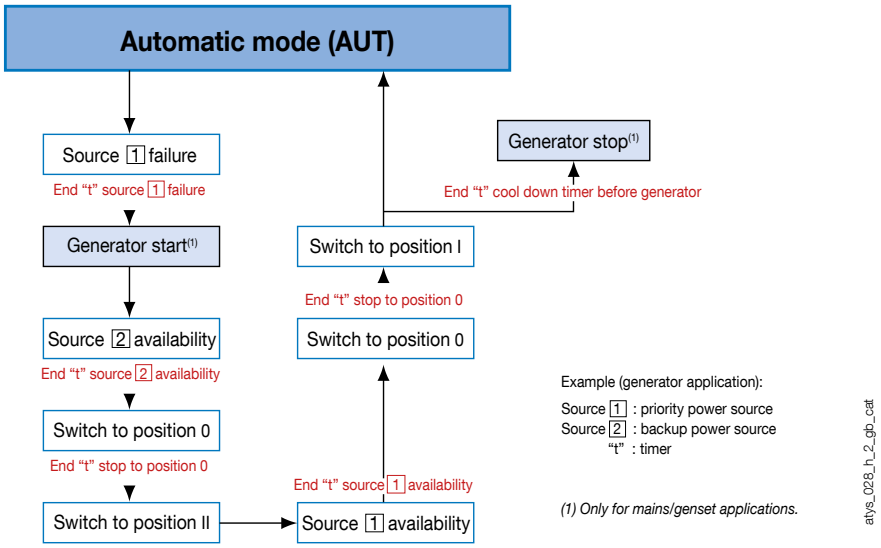
- IEC 60947-6-1
- IEC 60947-3
- GB 14048.11

## Approvals and certifications

## What you need to know

The ATyS p M are automatic transfer switching equipment that include a fully integrated ATS controller. These products are self powered from incoming supplies: 230 VAC (160-305 VAC), 50/60 Hz (45/65Hz).

Automatic products are all equipped with a sequence logic. Here is an example of the sequence logic in case of loss and return of the preferred source.

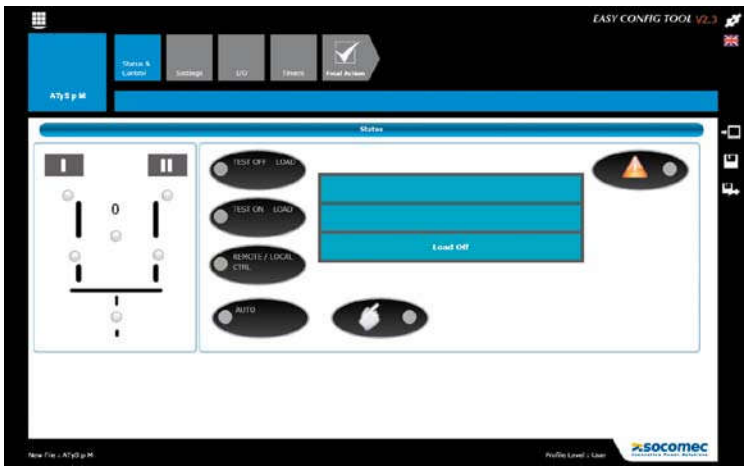



## Easyconfig

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

Typical parameters that can be set:

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




## 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 tap | Terminal shrouds | Auxiliary contact block | Remote interface |
|---|---|---|---|---|---|---|---|---|---|
| 40 A | 4P | 230/400 | 9364 **4004** | 9384 **4004** | 4 P 1309 **4006** | 2 pieces 1399 **4006** | 2 pieces 2294 **4016**(1) | 1 piece<br>Separate common points 1309 **0001**(2)<br>Linked common points 1309 **0011**(2) | D10 9599 **2010**<br>D20 9599 **2020** |
| 63 A | 4P | 230/400 | 9364 **4006** | 9384 **4006** | | | | | |
| 80 A | 4P | 230/400 | 9364 **4008** | 9384 **4008** | | | | | |
| 100 A | 4P | 230/400 | 9364 **4010** | 9384 **4010** | | | | | |
| 125 A | 4P | 230/400 | 9364 **4012** | 9384 **4012** | | | | | |
| 160 A | 4P | 230/400 | 9364 **4016** | 9384 **4016** | 1309 **4016** | | | | |

*(1) The three-phase version (4 P), for upstream and downstream protection, please order the reference twice.*
*(2) 1 NO/NC contact block for positions I, 0 and II.*
*(3) For 127/230VAC networks, please contact your SOCOMEC office.*