

# Power Switching & Monitoring

## Criteria for activation of the FAULT LED on the ATyS M range

Issued by LAU (STS)



**TABLE OF CONTENTS**

INTRODUCTION..... 3

I. ATyS t M ..... 4

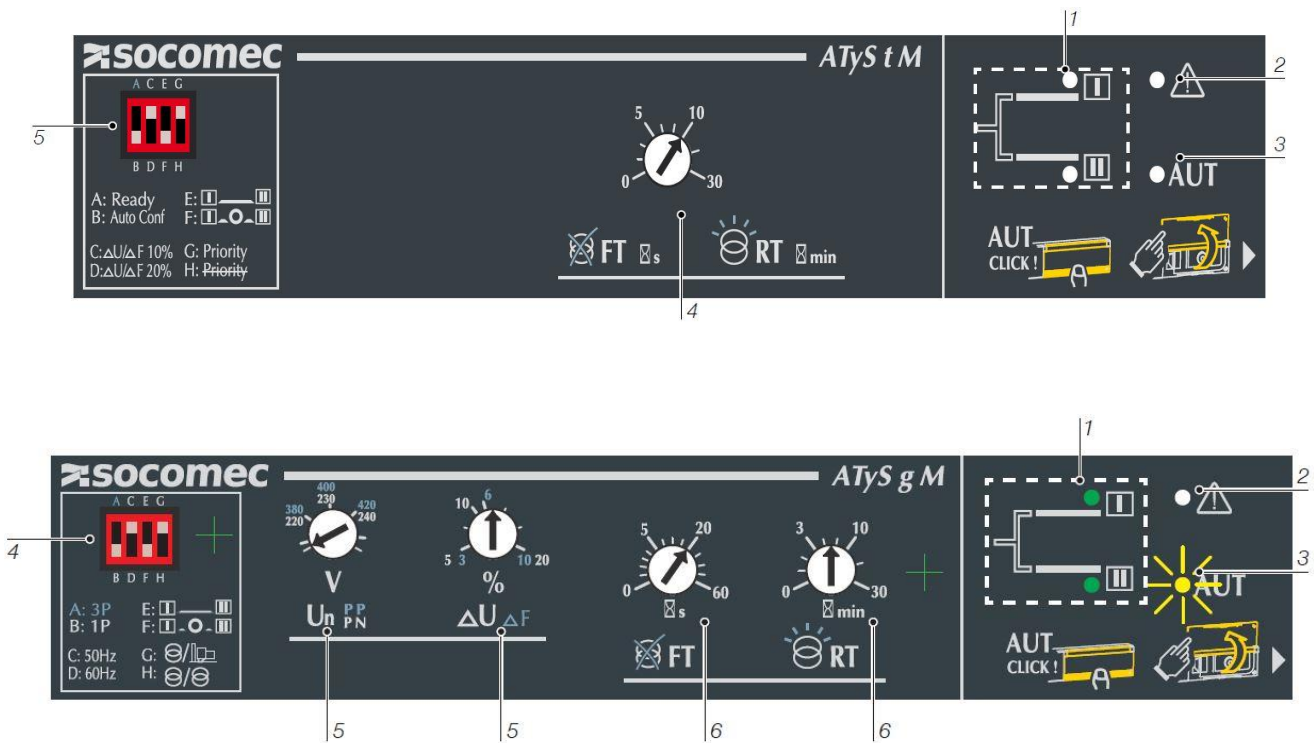
II. ATyS g M ..... 5

III. ATYS p M..... 6

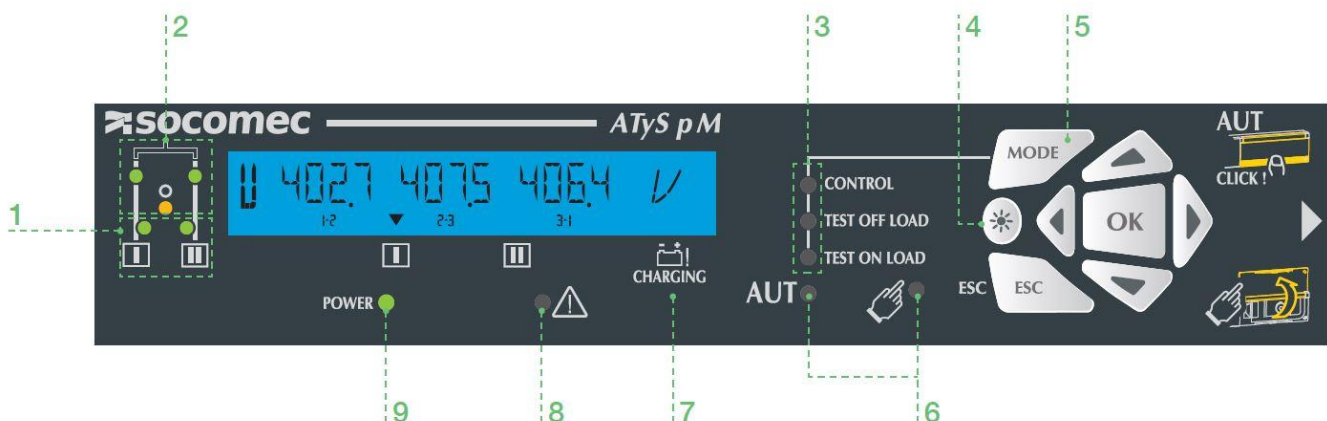
## INTRODUCTION

The ATyS M range features a FAULT LED that indicates the status of the product. The reasons for this indicator to turn on can be variable depending on the type of ATyS, which is why this note is divided in three parts: ATyS t M, ATyS g M and ATyS p M.

The fault LED is #2 on the ATyS t M and ATyS g M's front face:



And #8 on the ATyS p M:



## I. ATyS t M



Fault causing the LED to turn on	Comments	Possible way to clear the fault
Mechanical position is neither 0, 1 nor 2.	/	Open the cover and switch the ATyS manually. Close the cover. Check if the fault comes back at the next transfer.
When on its first try, the device couldn't reach its wanted position and neither can it go back to the previous one because the source is not available anymore.	/	Open and close the cover.
Current position is not the expected one.	/	Open the cover and switch the ATyS manually. Close the cover. Check if the fault comes back at the next transfer.
Emergency switch to position 0 active.	Happens when inputs 207 and 208 are wired together or were wired together but the fault was not clear afterwards.	Once the input 208 is free of potential, open and close the cover to acknowledge the fault.
Operating factor is active.	Happens when the ATyS switches too many times in a row (around 12 times in less than a minute), this fault occurs.	Wait for 1 min. Fault should clear automatically.

First way to clear a fault is always to open and close the plastic cover to refresh the ATyS.

## II. ATyS g M



Fault causing the LED to turn on	Comments	Possible way to clear the fault
Mechanical position is neither 0, 1 nor 2.	/	Open the cover and switch the ATyS manually. Close the cover. Check if the fault comes back at the next transfer.
When on its first try, the device couldn't reach its wanted position and neither can it go back to the previous one because the source is not available anymore.	/	Open and close the cover.
Current position is not the expected one.	/	Open the cover and switch the ATyS manually. Close the cover. Check if the fault comes back at the next transfer.
Operating factor is active.	Happens when the ATyS switches too many times in a row (around 12 times in less than a minute), this fault appears.	Wait for 1 min. Fault should clear automatically.

First way to clear a fault is always to open and close the plastic cover to refresh the ATyS.

### III. ATYS p M



Fault causing the LED to turn on	Comments	Possible way to clear the fault
Primary voltage outside of the acceptable voltage range.	/	Check that the primary voltage is within the acceptable limits specified in the manual.
Secondary voltage outside of the acceptable voltage range.	/	Check that the secondary voltage is within the acceptable limits specified in the manual.
Motor test failed.	Watchdog detected a problem regarding the impedance of the motor.	Contact your retailer.
Inputs/Outputs test failed.	Watchdog detected a problem regarding the internal inputs/outputs.	Contact your retailer.
Powerfail active.	The power is insufficient to leave position II/I.	Supply the ATyS for at least 20 secs. Try to switch the ATyS manually.
Unexpected transfer in auto/remote mode.	Transfer occurred although not wished by the automatism.	Contact your retailer.
Unexpected current while device is idle.	Watchdog detected a current flowing through the motor while device is idle.	Contact your retailer.
Position not reached.	Following an electric or automatic order, position 0 / I / II is not reached. <i>F06 POS-0</i> , <i>F16 POS-1</i> or <i>F26 POS-2</i> should appear.	Open the cover and switch the ATyS manually. Close the cover.
Product locked although it is not in manual mode.	/	Contact your retailer
Operating factor is active.	Happens when the ATyS switches too many times in a row (around 12 times in less than a minute), this fault appears: <i>F00 OP FCT</i> .	Wait for 1 min. Fault should clear automatically.
FT1 or FT2 active.	An input set as FT1 or FT2 has been activated.	Resolve the external problem that activated the fault. Then, open and close the cover or activate the RST input.
Voltage too low to permit a transfer.	/	Check that supply voltage is greater than 160VAC.

First way to clear a fault is always to open and close the plastic cover to refresh the ATyS.





#### HEAD OFFICE

##### **SOCOMEK GROUP**

SAS SOCOMEK capital 10 816 800 €  
R.C.S. Strasbourg B 548 500 149  
B.P. 60010 - 1, rue de Westhouse  
F-67235 Benfeld Cedex - FRANCE

[www.socomec.com](http://www.socomec.com)

#### INTERNATIONAL SALES DEPARTMENT

##### **SOCOMEK**

1, rue de Westhouse - B.P. 60010  
F - 67235 Benfeld Cedex - FRANCE  
Tel. +33 (0)3 88 57 41 41  
Fax +33 (0)3 88 74 08 00  
[info.scp.isd@socomec.com](mailto:info.scp.isd@socomec.com)

#### YOUR DISTRIBUTOR

