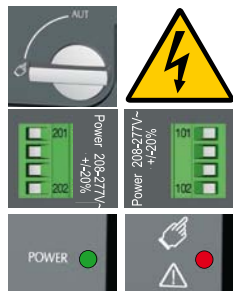


STEP 5



Check
Whilst in manual mode, check the wiring and if ok power up the product.

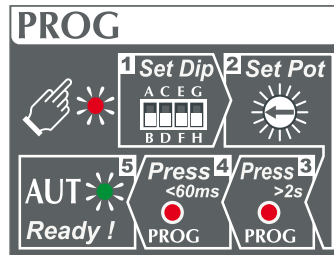
LED "Power" Green: ON
LED Manual/Fault Red: ON

STEP 6

Programming the ATyS t

The ATyS t is programmed after wiring verification tests through the front of the ATS Controller in 5 steps:

Note: Ensure that the ATyS t is in "Manual Mode", powered and with at least one network supply available.

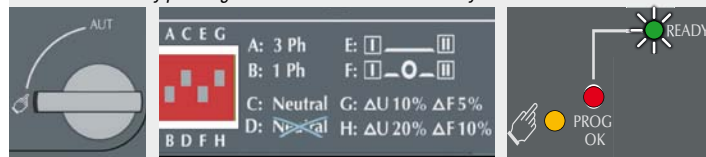


WARNING As a safety measure the READY LED will flash when any of the settings shown on the controller are different to those that are saved. To return to the steady READY LED revert to the saved setting values or save the displayed value by pressing the PROG OK button briefly. (This is intended as a visual alarm in case one has changed the configuration settings but has not yet saved the new values in the product).
For added security the ATyS t may be equipped with a sealable cover so as to limit the access to configuration settings. Refer to the product accessory section for details.

1 Set Dip Dip Switch Setting Options

SET the 4 Dip Switches using a small screw driver. Possible variants vary from positions "A to H" as described in the table below. For convenience, the position functions are also described on the front of the ATS controller adjacent to the dip switches.

Note: The READY LED will flash green as soon as settings are changed and until the new settings have been saved by pressing the PROG OK button momentarily.

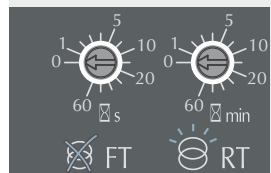


Dip Switch Setting Options		
Dipswitch 1 A / B	A	Three Phase Network
	B	Single Phase Network (Attn : Dipswitch 2 is inactive in this position)
Dipswitch 2 C / D	C	Three Phase 4 wire Network (Including Neutral) (Allows to detect a loss of neutral for unbalanced loads)
	D	Three Phase 3 wire Network (Without Neutral)
Dipswitch 3 E / F	E	Load supply down time of 0 second (ODT = 0 sec)
	F	Load supply down time of 2 seconds (ODT = 2 sec)
Dipswitch 4 G / H	G	Threshold Delta U : 10% / Delta F : 5%
	H	Threshold Delta U : 20% / Delta F : 10%

2 Set Pot Potentiometer Setting Options

SET the 2 potentiometers using a small screw driver paying attention to the arrow indicating the position. There are a total of 14 positions for which the specific settings are described in the table below.

Note: The READY LED will flash green as soon as settings are changed and until the new settings have been saved by pressing the PROG OK button momentarily.



Functional Description		
Potentiometer 1	FT	Supply Source Failure time : 0 to 60s
Potentiometer 2	RT	Supply Source Return Time : 0 to 60 min

Position Setting Identification													
FT (sec)	0	1	2	3	4	5	8	10	15	20	30	40	50
RT (min)	0	1	2	3	4	5	8	10	15	20	30	40	50

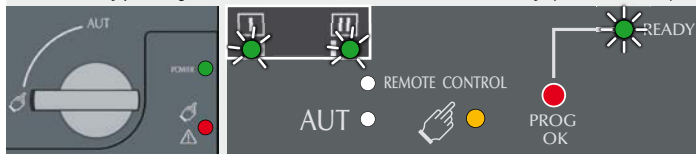
Press 3 >2s Auto Configuration of Mains Voltage and Frequency

The ATyS t includes an "Auto Configuration" feature to detect the mains voltage and frequency nominal values, phase rotation and neutral position and saves them in the ATS controller.

Note: Before configuring the nominal values ensure that the product is properly wired, verified and ready for commissioning. It is imperative that the network supply is available and that the wiring to the ATyS t voltage sensing terminals 103 – 106 and 203 – 206 has been done. It is preferable to use the ATyS sensing kit that may be provided as an accessory.

• Press and hold the Red "PROG OK" button for >2s to measure the mains voltage and frequency.

Note: The source available LED will flash while the available network is being measured. The READY LED will flash green as soon as settings are measured and until these settings have been saved by pressing the PROG OK button a second time momentarily. (Refer to STEP 4).

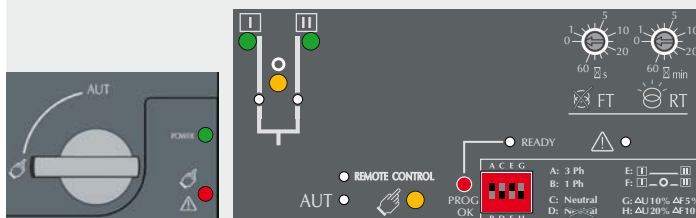


Press 4 <60ms Saving the configured values

To SAVE the recorded setting configuration press the PROG OK button momentarily: <60ms.

Note: The flashing READY LED goes off once the values are saved in the ATS controller.

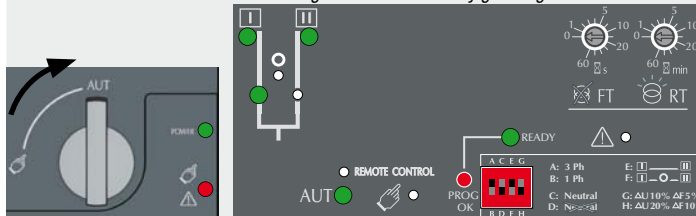
At least one of the source availability LED must be ON.



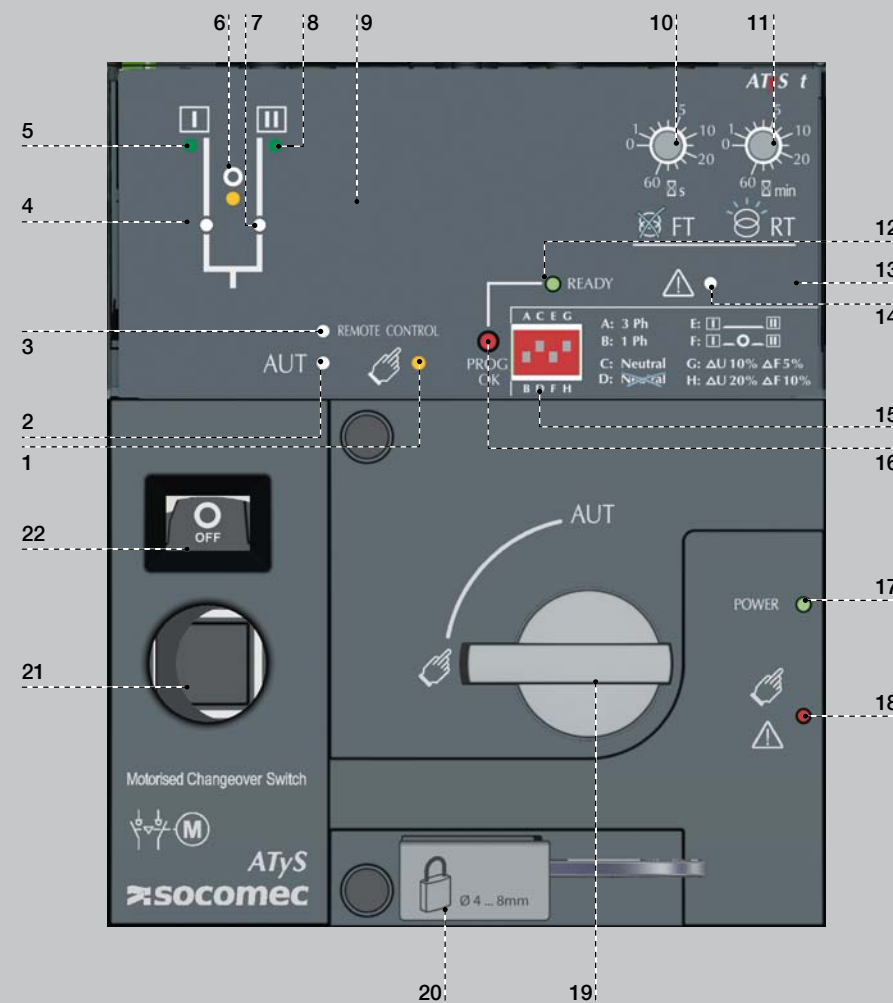
5 AUT Ready ! Putting the ATyS t into Auto Operation

After following Steps 1 to 4, and once ready to put the ATyS t into AUTO operation turn the mode selector switch to Auto.

Note: When the product is powered and properly configured, after switching the product from Manual Mode to Auto Mode the READY light should be a steady green light.



WARNING Depending on the state of the ATyS t the ATS automation may change the switch position as soon as the mode selector is switched to AUT. This is a normal operation.

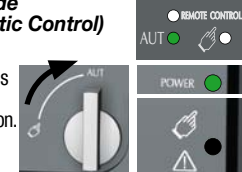


- MANUAL Mode LED indication.
(Yellow steady light when in Manual Mode).
- AUTO Mode LED indication
Green steady light when in Auto mode with no timers running.
Green flashing light when in Auto with timers running in the background.
- REMOTE CONTROL Mode LED indication.
Yellow steady light when in remote control mode.
Remote control mode is achieved with the Auto/Manu selector switched to Auto and terminals 312 closed with terminal 317. Remote control orders are received through closing 314 to 316 with 317.
- Switch 1 LED position indication.
(Green when in position 1).
- Source supply I availability LED indication.
(Green when supply I voltage is within the set limits).
- Zero position LED indication.
(Yellow when in position 0).
- Switch 2 LED position indication.
(Green when in position 2).
- Source supply II availability LED indication.
(Green when supply II voltage is within the set limits).
- Sealing screw location 1 for use with sealing cover (Available as an accessory)
- Potentiometer 1: Supply FAILURE Time (FT) Adjustable from 0 to 60 seconds.
- Potentiometer 2: Supply RETURN Time (RT) Adjustable from 0 to 60 minutes.
- READY LED indication
Green steady light : Product in AUTO, Watchdog OK, Product Available to changeover.
Green flashing: Settings displayed not saved or have been changed since last saved.
(Press PROG OK button in manual mode to save or revert to last saved settings).
- Sealing screw location 2 for use with the sealing cover.
- FAULT LED indication. (Red steady light in case of an ATS controller internal fault).
- Configuration dip switches :
(4 dip switches with 2 positions in each A to H).
- PROG OK: Configuration save push button. (ATTN: Active in Manual Mode ONLY). Press briefly to confirm and save all set configuration settings.
Hold pressed for 2 seconds to set the network supply voltage and frequency by Auto Configuration.
This is to be followed by pressing briefly to save the set value configured.
- Green LED Indication: Power
- Red LED Indication: Product Unavailable / Manual Mode / Fault Condition
- Auto / Manual mode selector switch (Key version available as an option)
- Padlocking facility
(Up to 3 padlocks of dia. 4 – 8mm)
- Emergency manual operation shaft location (Accessible only in manual mode)
- Switch position indication window:
I (On switch I) 0 (Off) II (On switch II).

STEP 7A

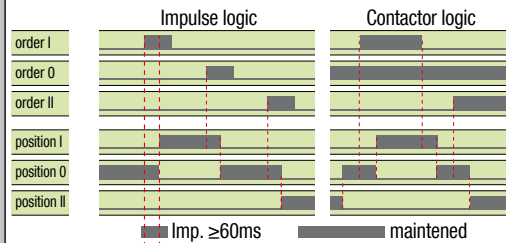
AUT Mode (Automatic Control)

Ensure that the emergency handle is not inserted in the product and turn the mode selector to the AUT position.
LED "Power" Green: ON
LED Manual/Fault Red: OFF



STEP 7B

AUT Mode (Remote Control)



To enable control, close contact 312 with 317.

For contactor logic bridge contact 316 with 317.

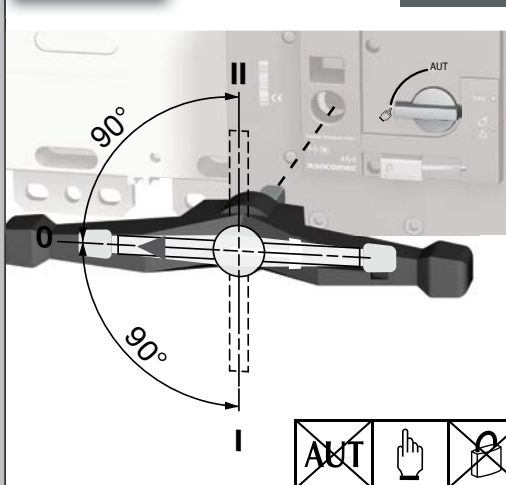
To operate: close the contact corresponding to the desired position.

To force the product to 0 position "OFF" bridge contact 313 with 317.



STEP 7C

Manual Mode



STEP 7D

Padlocking Mode (as standard: in position 0)

