

Preliminary operations

Check the following upon delivery and after removal of the packaging:

- Packaging and contents are in good condition.
- The product reference corresponds to the order.
- Contents should include:
Qty 1 x ATyS g
Qty 1 x Emergency handle and fixing clip
Quick Start instruction sheet

Warning

⚠ Risk of electrocution, burns or injury to persons and / or damage to equipment.

This Quick Start is intended for personnel trained in the installation and commissioning of this product. For further details refer to the product instruction manual available on the SOCOMEC website.

- This product must always be installed and commissioned by qualified and approved personnel.
- Maintenance and servicing operations should be performed by trained and authorised personnel.
- Do not handle any control or power cables connected to the product when voltage may be, or may become present on the product, directly through the mains or indirectly through external circuits.
- Always use an appropriate voltage detection device to confirm the absence of voltage.
- Ensure that no metal objects are allowed to fall in the cabinet (risk of electrical arcing).

Failure to observe good engineering practises as well as to follow these safety instructions may expose the user and others to serious injury or death.

⚠ Risk of damaging the device

- In case the product is dropped or damaged in any way it is recommended to replace the complete product.

Accessories

- Bridging bars and connection kits.
- Control voltage transformer (400Vac -> 230Vac).
- DC power supply (12/24Vdc -> 230Vac).
- Mounting spacers to raise the product x 10mm.
- Phase barriers.
- Terminal shrouds.
- Terminal screens.
- Auxiliary contacts (Additional).
- Padlocking in 3 positions (I - 0 - II).
- Lockout accessories (RONIS - EL 11 AP).
- Door escutcheon frame.
- ATyS D10 Interface (remote display).
- Voltage sensing kit.
- Sealable cover.
- RJ45 cable for ATyS D10 => ATyS g

For further details refer to the product instruction manual under chapter "Spares and Accessories"

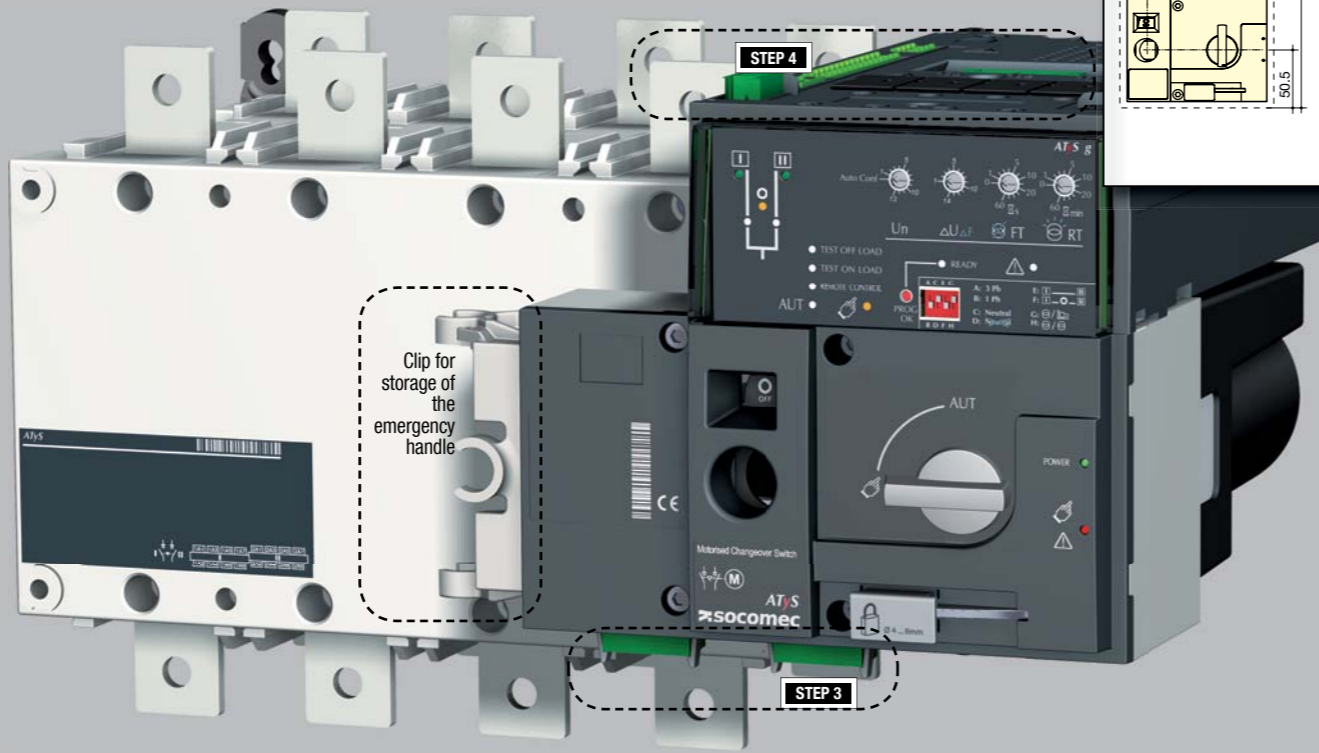
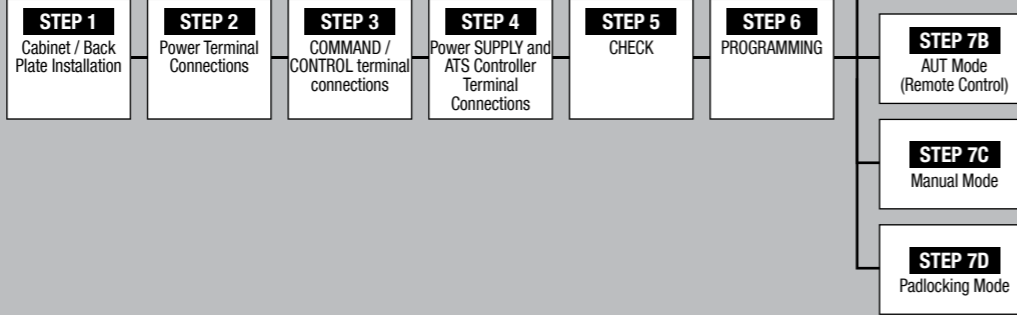
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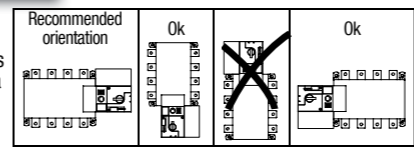


Installation and Commissioning

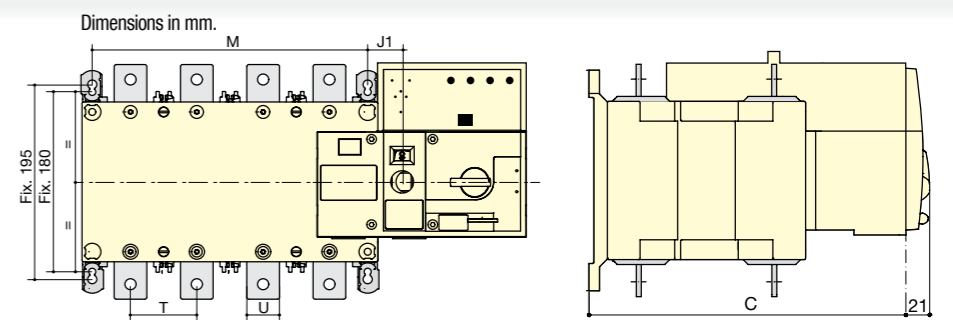
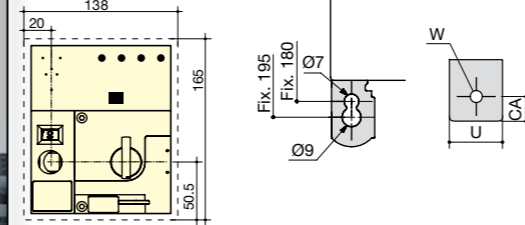


STEP 1 Installation

Caution: Ensure that the product is installed on a flat rigid surface.



Door cut-out for front panel.



	125 A		160 A		200 A		250 A		315 A		400 A		500 A		630 A	
	3 P	4 P	3 P	4 P	3 P	4 P	3 P	4 P	3 P	4 P	3 P	4 P	3 P	4 P	3 P	4 P
J 1	34	34	34	34	34	34	35	35	35	35	35	35	34	34	34	34
M	120	150	120	150	120	150	160	210	160	210	160	210	210	270	210	270
T	36	36	36	36	36	36	50	50	50	50	50	50	65	65	65	65
C	244	244	244	244	244	244	244	244	244	244	244	244	320	320	320	320
U	20	20	20	20	20	20	25	25	35	35	35	35	32	32	45	45
W	9	9	9	9	9	9	11	11	11	11	11	11	13	13	13	13
CA	10	10	10	10	10	10	15	15	15	15	15	15	20	20	20	20

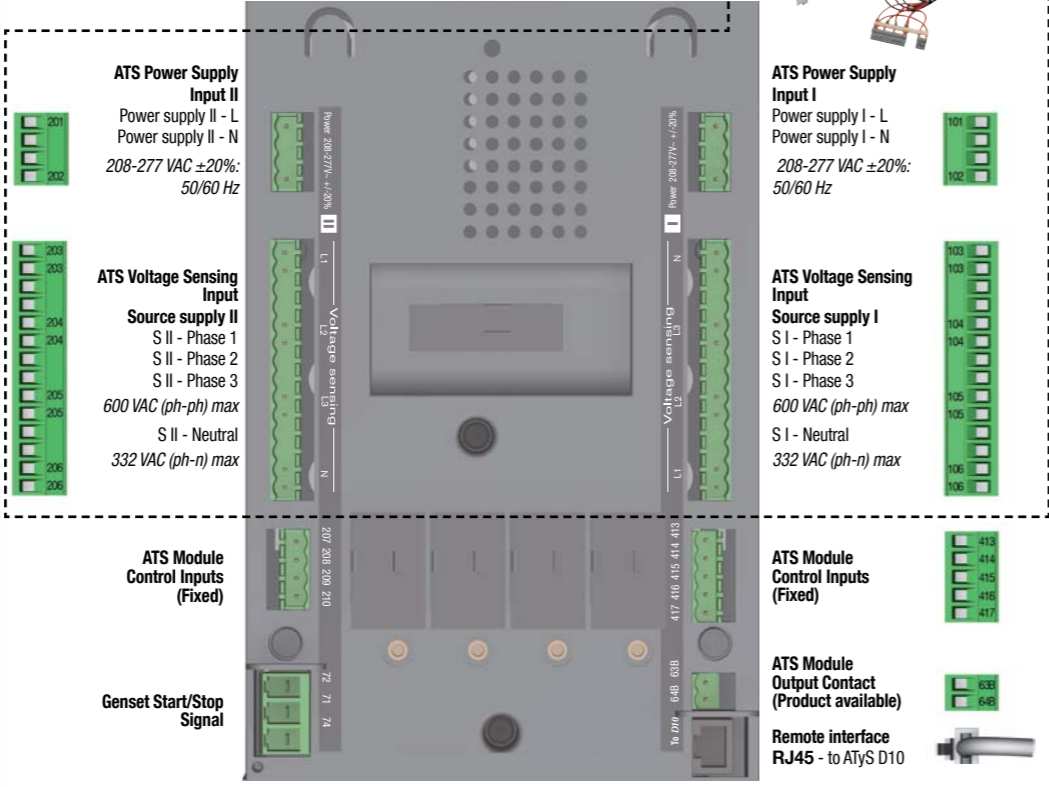
STEP 2 Power Terminal Connections

To be connected using terminal lugs, rigid or flexible busbars.

	FRAME B3			FRAME B4			FRAME B5	
	125 A	160 A	200 A	250 A	315 A	400 A	500 A	630 A
Minimum cable section Cu (mm ²) at lth (IEC 60947-1)	35	35	50	95	120	185	2x95	2x120
Recommended cable section Cu (mm ²) at lth	-	-	-	-	-	-	2x30x5	2x40x5
Maximum cable section Cu (mm ²)	50	95	120	150	240	240	2x185	2x300
Maximum Cu busbar width (mm)	25	25	25	32	32	32	50	50
Type of screw	M8	M8	M8	M10	M10	M10	M12	M12
Recommended tightening torque (N.m)	8.3	8.3	8.3	20	20	20	40	40
Maximum tightening torque (N.m)	13	13	13	26	26	26	45	45

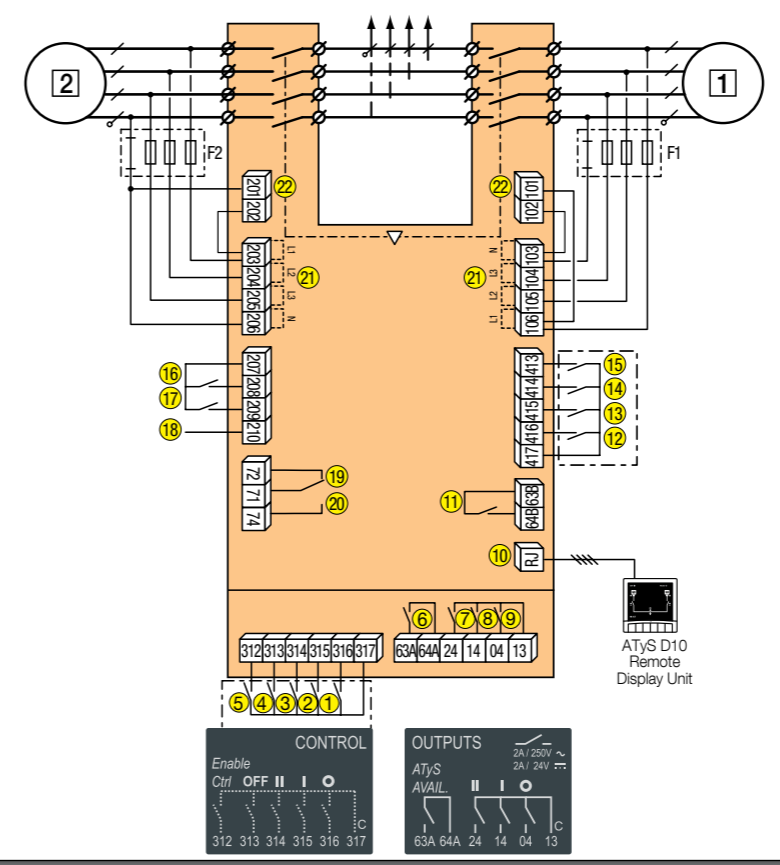
STEP 4 Power Supply, Sensing and Control wiring (ATS Controller)

Connect the product with a cable of section of 1,5 to 2,5 mm².
Screw M3 - Tightening torque: min.: 0.5 Nm - max.: 0.6 Nm



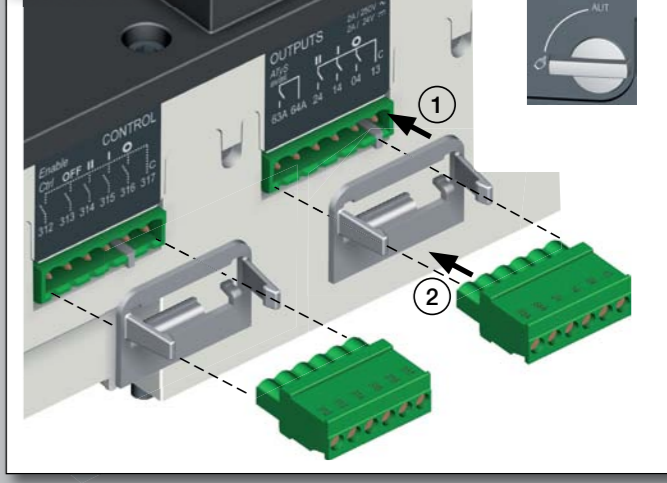
Recommended to use SOCOMEC Voltage Sensing Kit (refer to ATyS g accessories for details)

Example: Control wiring for a 400VAC application having a 3 phase and neutral supply.



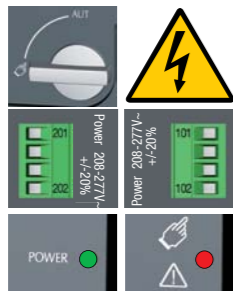
STEP 3 CONTROL / COMMAND Terminals

Ensure that the product is in Manual Mode.



- 1 preferred source
- 2 alternate source
- 3. Position 0 order
- 4. Position 1 order
- 5. Position 2 order
- 6. Zero position priority order
- 7. Remote Control Enable (Priority over Auto)
- 8. Product Available output (Motor)
- 9. Position II aux contact
- 10. Position I aux contact
- 11. Position 0 aux contact
- 12. I/P Inhibition of the ATS controls
- 13. I/P Manual retransfer
- 14. S2 Stability Time Bypass: 2AT
- 15. Priority to TEST ON LOAD : TON
- 16. TEST OFF LOAD Signal : TOF
- 17. TEST ON LOAD Signal : TON
- 18. Not used
- 19. Contact "Start/Stop Genset" : if S1 is not available the NC contact le contact (71-72) is close
- 20. Contact "Start/Stop Genset" : if S1 is not available the NO contact le contact (71-74) is open
- 21. Voltage Sensing Inputs
- 22. Power Supply Inputs

STEP 5



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

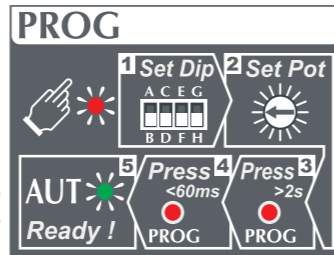
LED "Power" Green: ON
LED Manual/Fault Red: ON

STEP 6

Programming the ATyS g

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

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

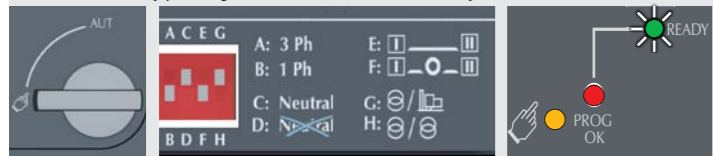


WARNING As a safety measure the READY LED will flash when any of the settings shown on the controller are different to those that are saved. To return to the steady READY LED revert to the saved setting values or save the displayed value by pressing the PROG OK button briefly. (This is intended as a 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 g 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.



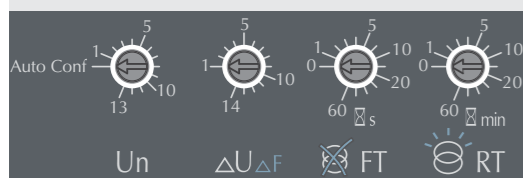
Dip Switch Setting Options

Dipswitch	Position	Function
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	Without a time delay in Zero Position (DBT = 0 sec)
	F	Zero position time delay set to 2s (DBT = 2 sec)
Dipswitch 4 G / H	G	Main - Generator Application
	H	Main - Main Application

2 Set Pot Potentiometer Setting Options

SET the 4 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.



WARNING Whatever Pot 1 trimming, it is IMPERATIVE to set Pots 2 to 4.

Un	N°	PP / PN	N°	ΔU	ΔF %
50 Hz	1:	220 / 127	2:	5	3
	2:	380 / 220	3:	6	3
	3:	400 / 230	4:	7	4
	4:	415 / 240	5:	8	4
	5:	480 / 277	6:	9	5
	6:	208 / 120	7:	10	5
	7:	220 / 127	8:	11	6
	8:	230 / 132	9:	12	6
	9:	240 / 138	10:	13	7
	10:	380 / 220	11:	14	7
	11:	400 / 230	12:	15	8
	12:	415 / 240	13:	16	8
	13:	480 / 277	14:	17	9
60 Hz	1:	220 / 127	2:	5	3
	2:	380 / 220	3:	6	3
	3:	400 / 230	4:	7	4
	4:	415 / 240	5:	8	4
	5:	480 / 277	6:	9	5
	6:	208 / 120	7:	10	5
	7:	220 / 127	8:	11	6
	8:	230 / 132	9:	12	6
	9:	240 / 138	10:	13	7
	10:	380 / 220	11:	14	7
	11:	400 / 230	12:	15	8
	12:	415 / 240	13:	16	8
	13:	480 / 277	14:	17	9

Position Setting Identification

Pos. N°	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Un PhPh / PhN	Auto Conf	220 / 127V	380 / 220V	400 / 230V	415 / 240V	480 / 277V	220 / 120V	230 / 127V	240 / 132V	380 / 220V	400 / 230V	415 / 240V	480 / 277V	-	-
Delta U/F in % of Un / Fn	-	5 / 3%	6 / 3%	7 / 4%	8 / 4%	9 / 5%	10 / 5%	11 / 6%	12 / 6%	13 / 7%	14 / 7%	15 / 8%	16 / 8%	18 / 9%	20 / 10%
FT (s)	-	0	1	2	3	4	5	8	10	15	20	30	40	50	60
RT (min)	-	0	1	2	3	4	5	8	10	15	20	30	40	50	60

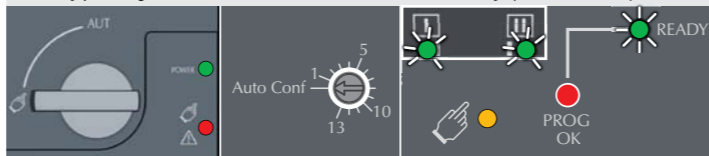
3 Press >2s Auto Configuration of Mains Voltage and Frequency

The ATyS g 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 g 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.

• Ensure that the product is in manual mode and powered with Pot1 in position "Auto Conf".
• Press and hold the Red "PROG OK" button for >2s to measure the mains voltage and frequency.

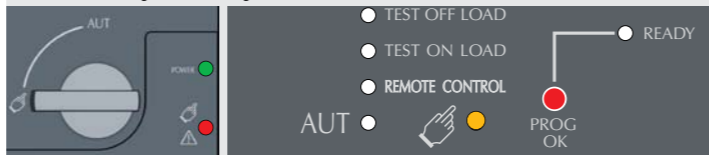
Note: The source available LED will flash while the available network is being measured. The READY LED will flash green as soon as settings are measured and until these settings have been saved by pressing the PROG OK button a second time momentarily. (Refer to STEP 4).



4 Press <60ms Saving the configured values

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

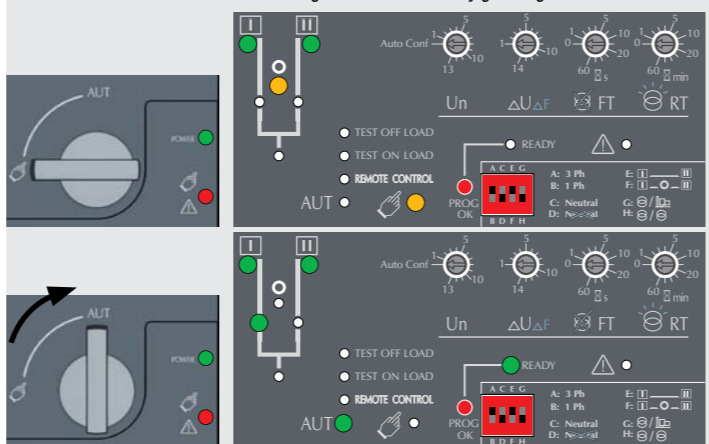
Note: The flashing READY LED goes off once the values are saved in the ATS controller.



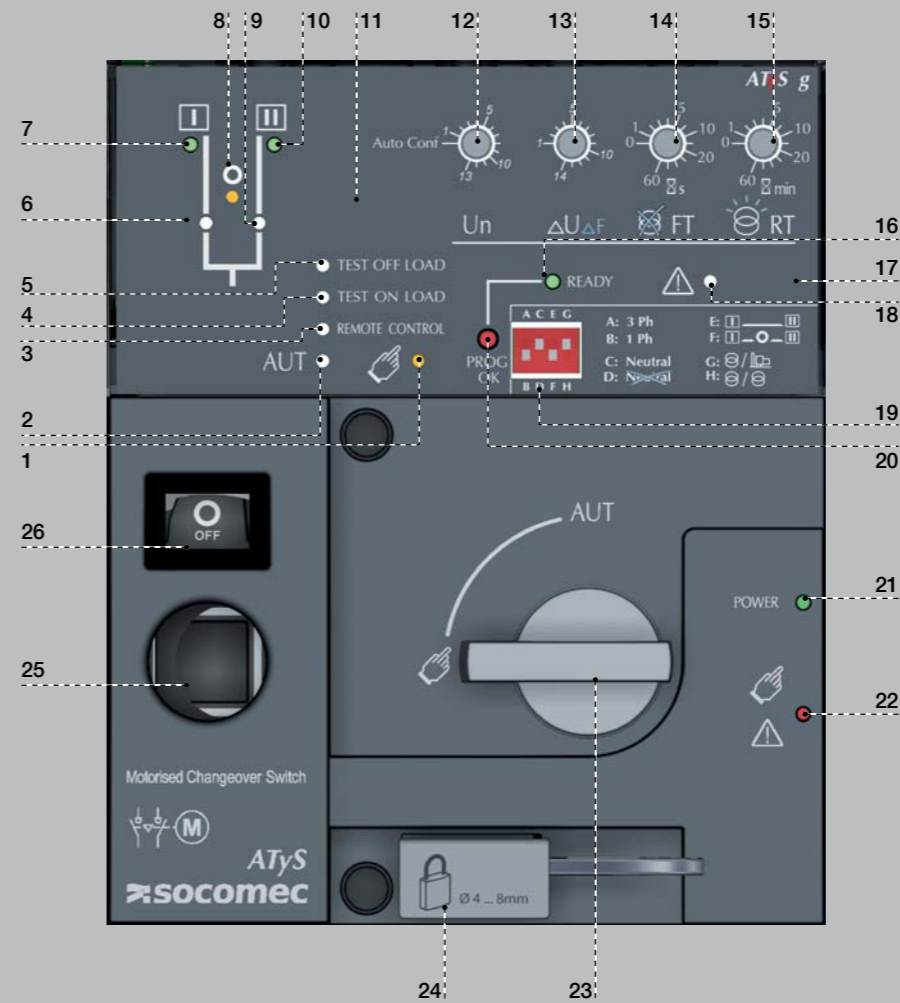
5 Press >2s Putting the ATyS g into Auto Operation

After following Steps 1 to 4, and once ready to put the ATyS g 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 g 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.
- TEST ON LOAD CONTROL Mode LED indication. (Yellow steady light when in TON mode)
- TEST OFF LOAD CONTROL Mode LED indication. (Yellow steady light when in TOF mode).
- 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 : Network Configuration. (Auto Configuration or refer to the configuration guide sticker on the front of the ATyS g when using the predefined setting positions 1 to 13).
- Potentiometer 2 : Voltage and Frequency threshold settings. (Refer to the configuration guide sticker on the front of the ATyS g to set the V / Hz threshold. Positions 1 to 14).
- Potentiometer 3: Supply FAILURE Time (FT) Adjustable from 0 to 60 seconds.
- Potentiometer 4: 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

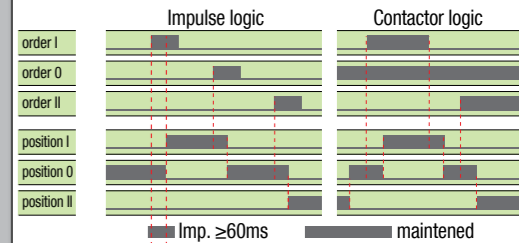
AUT Mode (Automatic Control)

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: OFF



STEP 7B

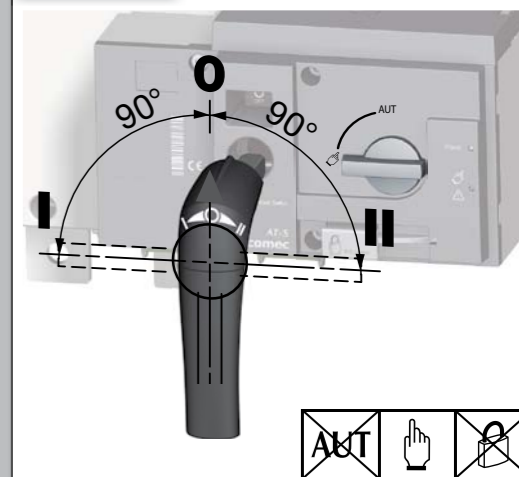
AUT Mode (Remote Control)



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)



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- Terminal screens.
- Auxiliary contacts (Additional).
- Padlocking in 3 positions (I - 0 - II).
- Lockout accessories (RONIS - EL 11 AP).
- Door escutcheon frame.
- ATyS D10 Interface (remote display).
- Voltage sensing kit.
- Sealable cover.
- RJ45 cable for ATyS D10 => ATyS g

For further details refer to the product instruction manual under chapter "Spares and Accessories"

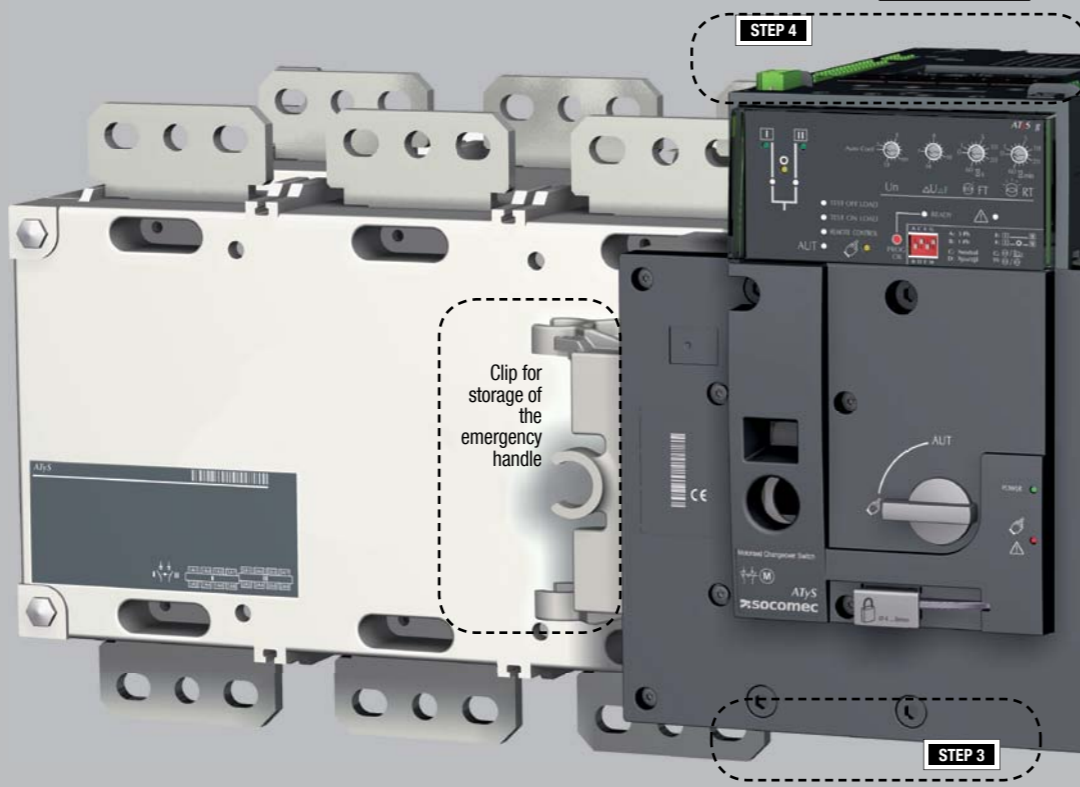
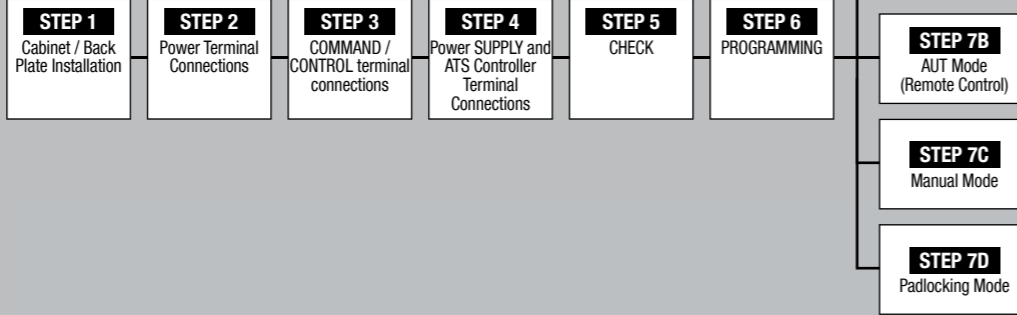
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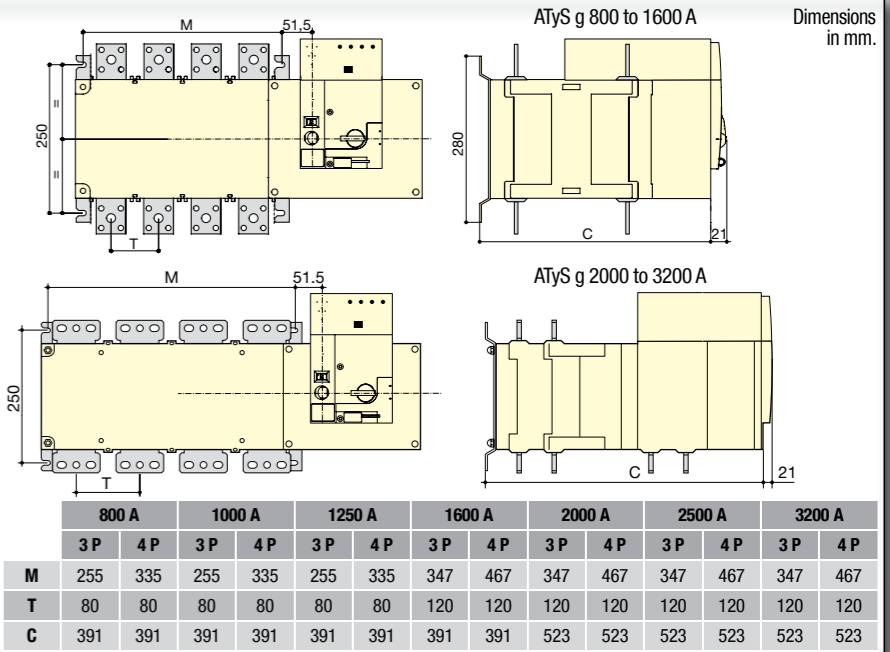
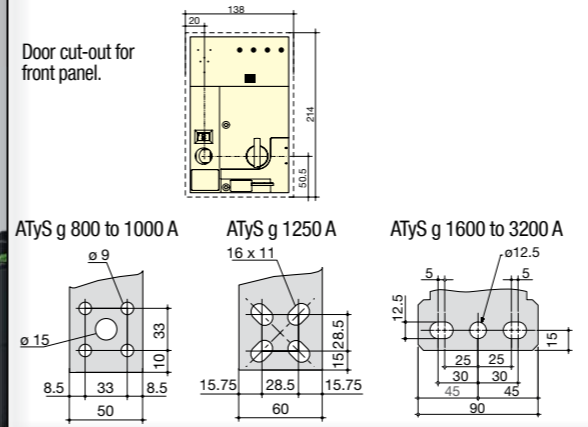
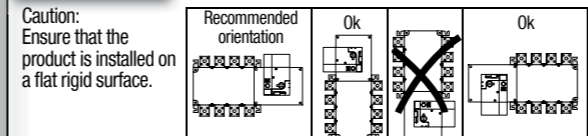
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Installation and Commissioning



STEP 1 Installation



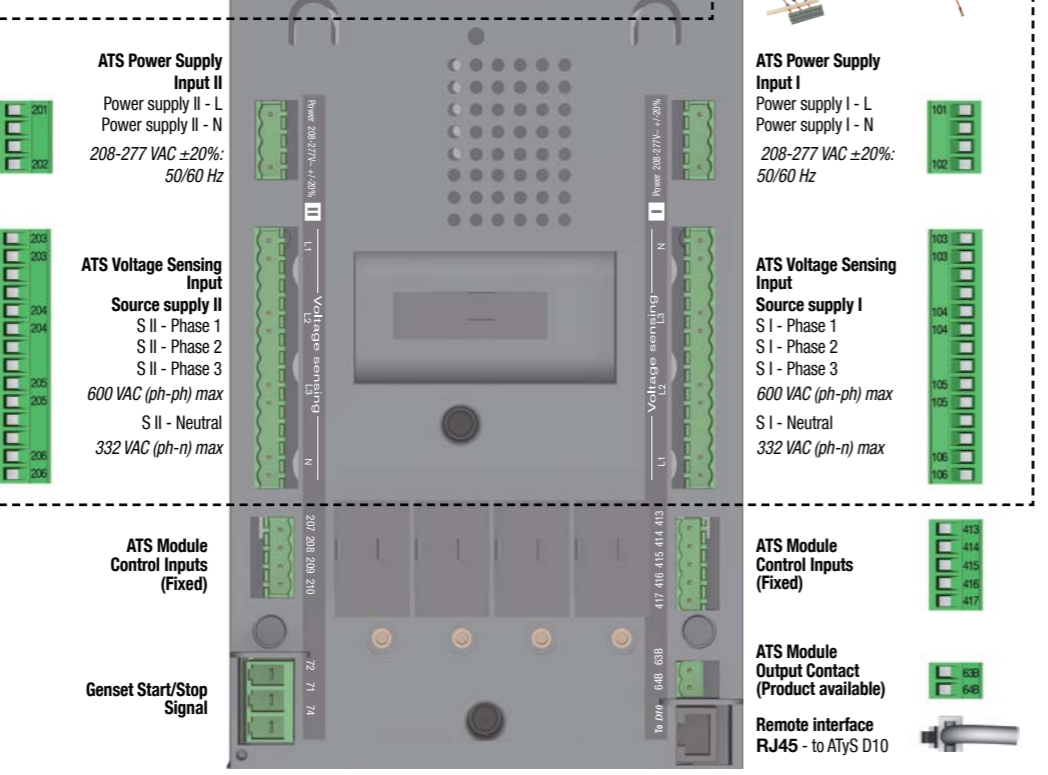
STEP 2 Power Terminal Connections

To be connected using terminal lugs, rigid or flexible busbars.

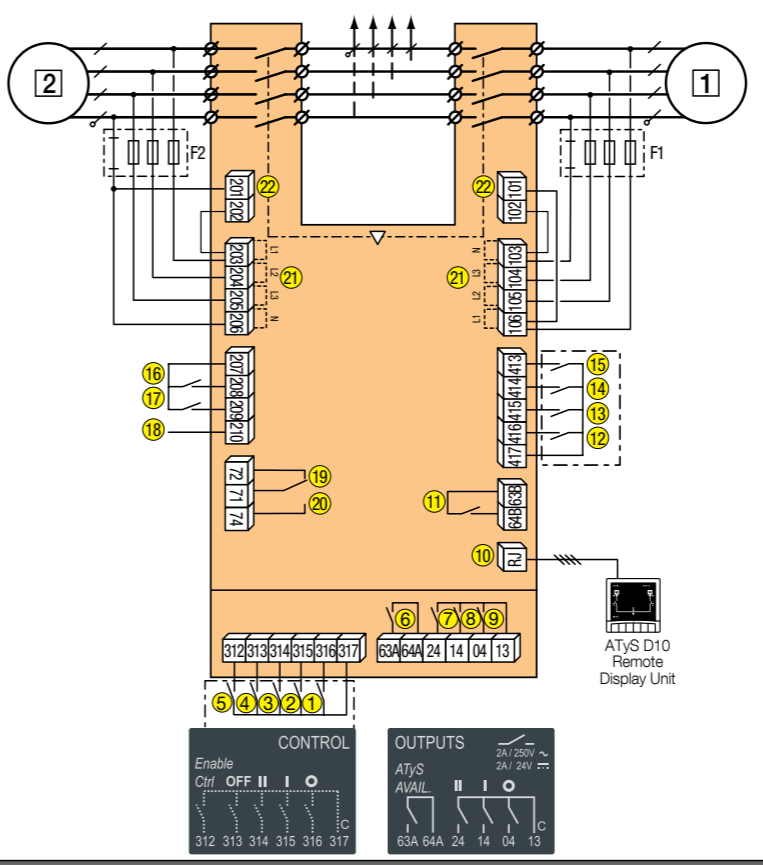
	FRAME B6			FRAME B7		FRAME B8		
	800 A	1000 A	1250 A	1600 A	2000 A	2500 A	3200 A	
Minimum cable section Cu (mm ²) at Ith (IEC 60947-1)	2x185	-	-	-	-	-	-	
Recommended cable section Cu (mm ²) at Ith	2x50x5	2x60x5	2x60x7	2x100x5	3x100x5	4x100x5	3x100x10	
Maximum cable section Cu (mm ²)	2x300	4x185	4x185	6x185	-	-	-	
Maximum Cu busbar width (mm)	63	63	63	100	100	100	100	
Type of screw	M8	M8	M10	M12	M12	M12	M12	
Recommended tightening torque (N.m)	8.3	8.3	20	40	40	40	40	
Maximum tightening torque (N.m)	13	13	26	45	45	45	45	

STEP 4 Power Supply, Sensing and Control wiring (ATS Controller)

Connect the product with a cable of section of 1,5 to 2,5 mm².
Screw M3 - Tightening torque: min.: 0.5 Nm - max.: 0.6 Nm

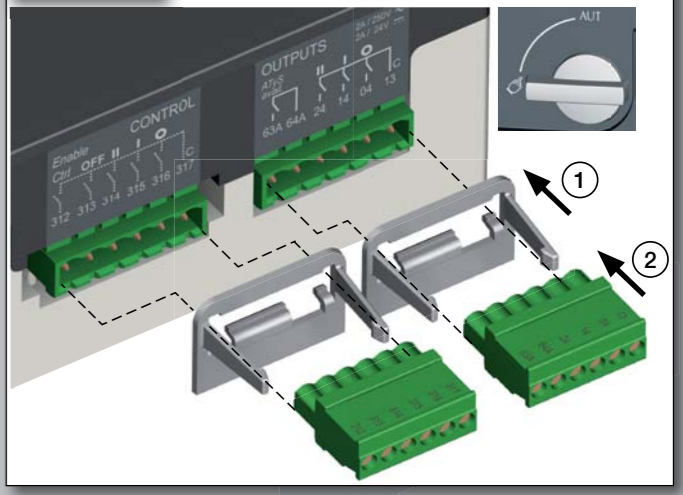


Example: Control wiring for a 400VAC application having a 3 phase and neutral supply.



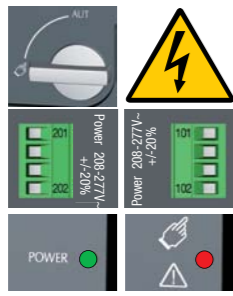
STEP 3 CONTROL / COMMAND Terminals

Ensure that the product is in Manual Mode.



- 1 preferred source
- 2 alternate source
- 1. Position 0 order
- 2. Position 1 order
- 3. Position 2 order
- 4. Zero position priority order
- 5. Remote Control Enable (Priority over Auto)
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- 7. Position II aux contact
- 8. Position I aux contact
- 9. Position 0 aux contact
- 10. O/P to ATyS D10 remote display
- 11. Product Available output (ATS)
- 12. I/P Inhibition of the ATS controls
- 13. I/P Manual retransfer
- 14. S2 Stability Time Bypass: 2AT
- 15. Priority to TEST ON LOAD : TON
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- 19. Contact "Start/Stop Genset" : if S1 is not available the NC contact le contact (71-72) is close
- 20. Contact "Start/Stop Genset" : if S1 is not available the NO contact le contact (71-74) is open
- 21. Voltage Sensing Inputs
- 22. Power Supply Inputs

STEP 5



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

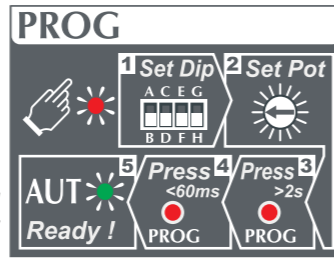
LED "Power" Green: ON
LED Manual/Fault Red: ON

STEP 6

Programming the ATyS g

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

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



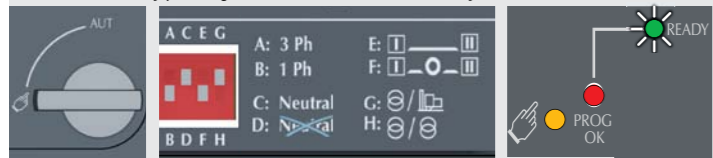
WARNING

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 g 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.



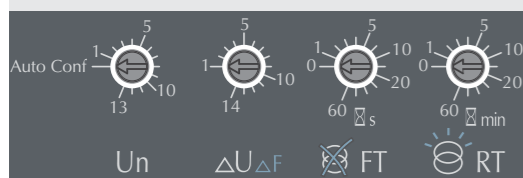
Dip Switch Setting Options

Dipswitch	Position	Function
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	Without a time delay in Zero Position (DBT = 0 sec)
	F	Zero position time delay set to 2s (DBT = 2 sec)
Dipswitch 4 G / H	G	Main - Generator Application
	H	Main - Main Application

2 Set Pot Potentiometer Setting Options

SET the 4 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.



WARNING Whatever Pot 1 trimming, it is IMPERATIVE to set Pots 2 to 4.

Un	N°	PP / PN	N°	ΔU	ΔF %
50 Hz	1:	220 / 127	2:	5	3
	2:	380 / 220	3:	6	3
	3:	400 / 230	4:	7	4
	4:	415 / 240	5:	8	4
	5:	480 / 277	6:	9	5
	6:	208 / 120	7:	10	5
	7:	220 / 127	8:	11	6
	8:	230 / 132	9:	12	6
	9:	240 / 138	10:	13	7
	10:	380 / 220	11:	14	7
	11:	400 / 230	12:	15	8
	12:	415 / 240	13:	16	8
	13:	480 / 277	14:	17	9
60 Hz	1:	220 / 127	2:	5	3
	2:	380 / 220	3:	6	3
	3:	400 / 230	4:	7	4
	4:	415 / 240	5:	8	4
	5:	480 / 277	6:	9	5
	6:	208 / 120	7:	10	5
	7:	220 / 127	8:	11	6
	8:	230 / 132	9:	12	6
	9:	240 / 138	10:	13	7
	10:	380 / 220	11:	14	7
	11:	400 / 230	12:	15	8
	12:	415 / 240	13:	16	8
	13:	480 / 277	14:	17	9

Position Setting Identification

Pos. N°	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Un PhPh / PhN	Auto Conf	220 / 127V	380 / 220V	400 / 230V	415 / 240V	480 / 277V	208 / 120V	220 / 127V	230 / 132V	240 / 138V	380 / 220V	400 / 230V	415 / 240V	480 / 277V	-
Delta U/F in % of Un / Fn	-	5 / 3%	6 / 3%	7 / 4%	8 / 4%	9 / 5%	10 / 5%	11 / 6%	12 / 6%	13 / 7%	14 / 7%	15 / 8%	16 / 8%	18 / 9%	20 / 10%
FT (s)	-	0	1	2	3	4	5	8	10	15	20	30	40	50	60
RT (min)	-	0	1	2	3	4	5	8	10	15	20	30	40	50	60

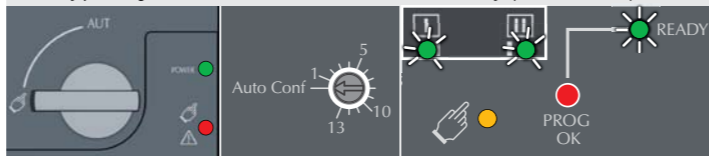
3 Auto Configuration of Mains Voltage and Frequency

The ATyS g 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 g 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.

• Ensure that the product is in manual mode and powered with Pot1 in position "Auto Conf".
• Press and hold the Red "PROG OK" button for >2s to measure the mains voltage and frequency.

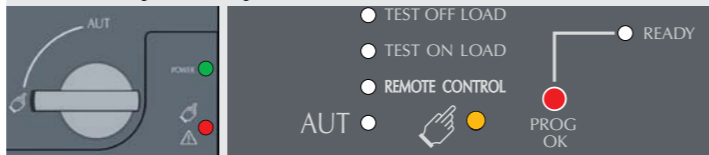
Note: The source available LED will flash while the available network is being measured. The READY LED will flash green as soon as settings are measured and until these settings have been saved by pressing the PROG OK button a second time momentarily. (Refer to STEP 4).



4 Saving the configured values

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

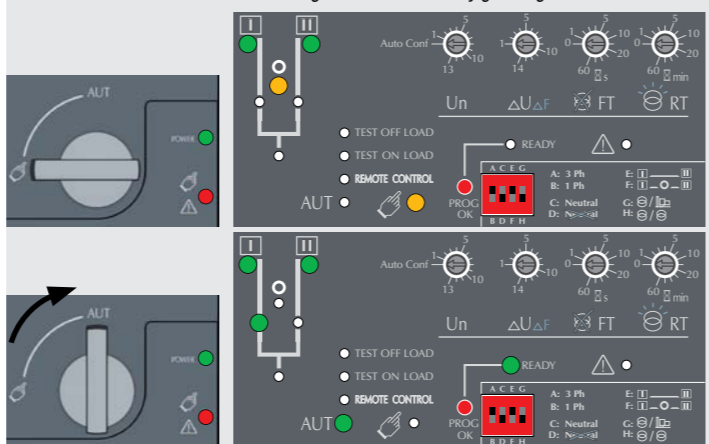
Note: The flashing READY LED goes off once the values are saved in the ATS controller.



5 Putting the ATyS g into Auto Operation

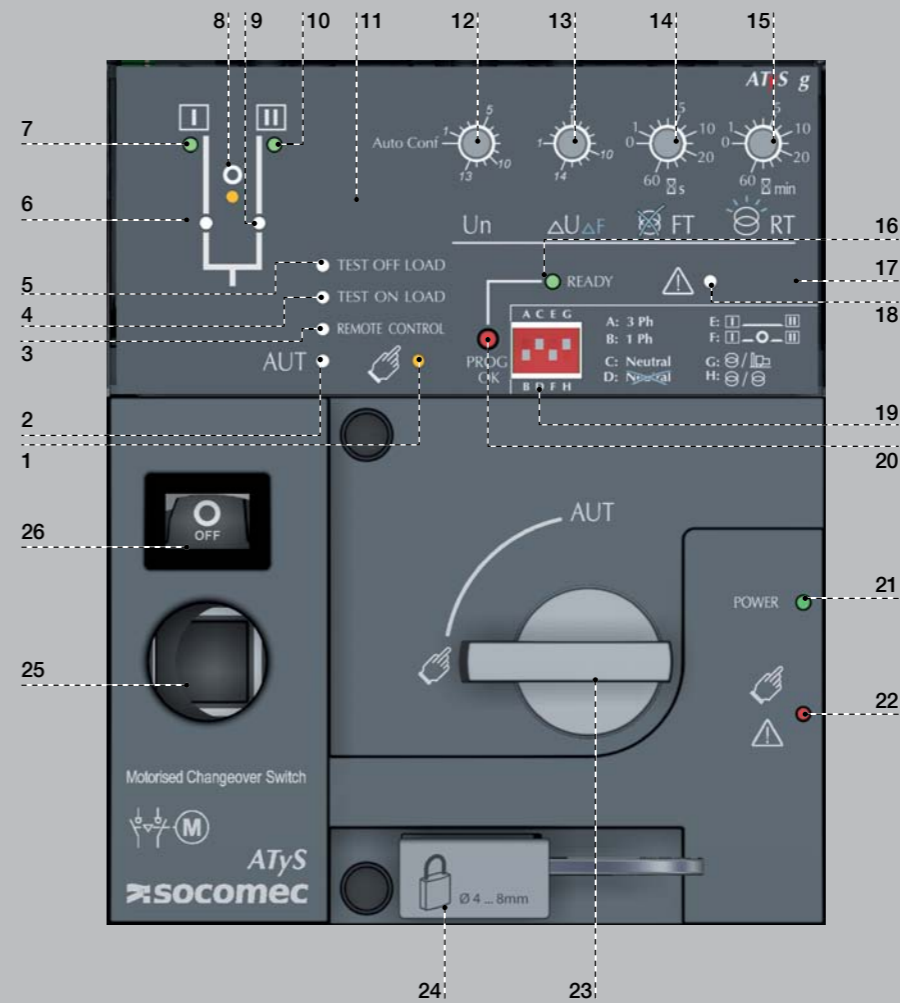
After following Steps 1 to 4, and once ready to put the ATyS g into AUTO operation turn the mode selector switch to Auto.

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 g 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.
- TEST ON LOAD CONTROL Mode LED indication. (Yellow steady light when in TON mode)
- TEST OFF LOAD CONTROL Mode LED indication. (Yellow steady light when in TOF mode).
- 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 : Network Configuration. (Auto Configuration or refer to the configuration guide sticker on the front of the ATyS g when using the predefined setting positions 1 to 13).
- Potentiometer 2 : Voltage and Frequency threshold settings. (Refer to the configuration guide sticker on the front of the ATyS g to set the V / Hz threshold. Positions 1 to 14).
- Potentiometer 3: Supply FAILURE Time (FT) Adjustable from 0 to 60 seconds.
- Potentiometer 4: 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

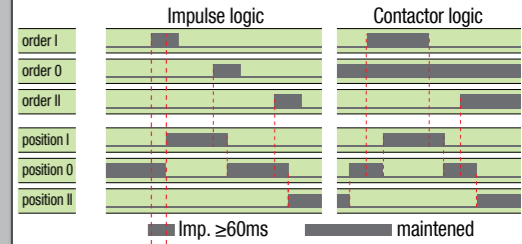
AUT Mode (Automatic Control)

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: OFF



STEP 7B

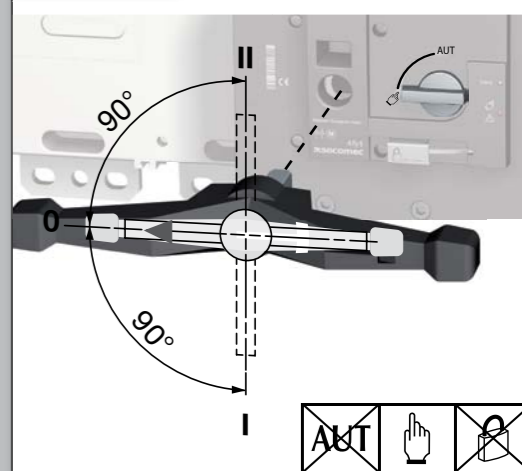
AUT Mode (Remote Control)



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)

