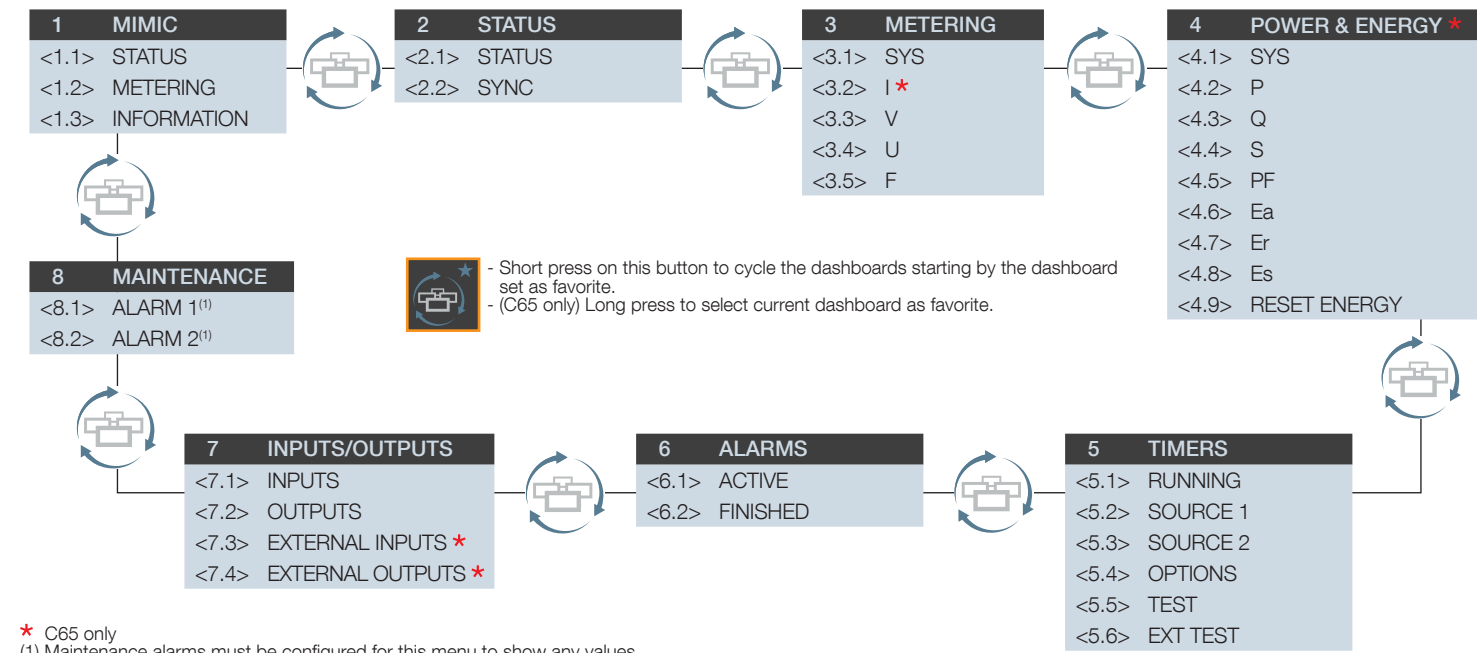
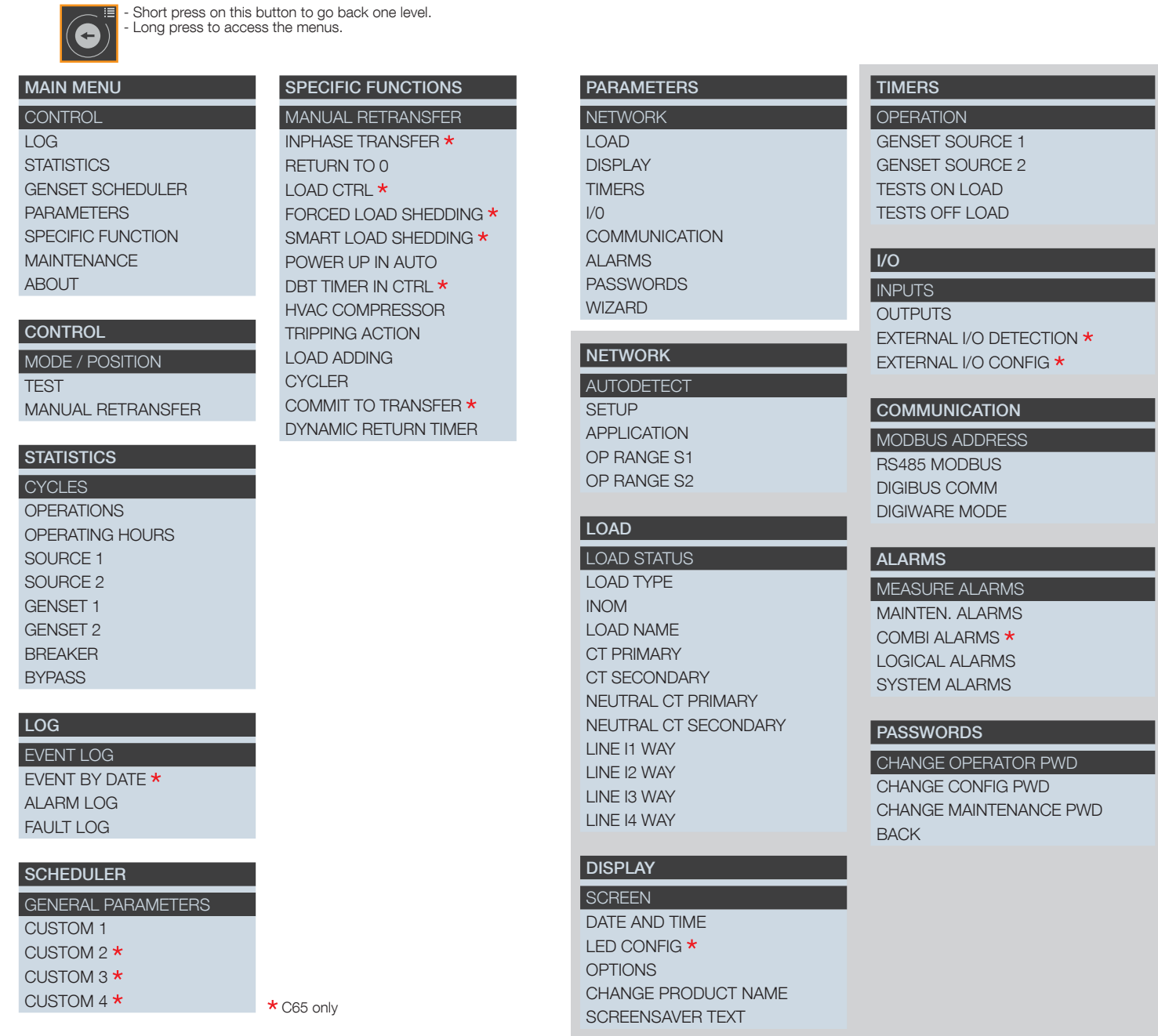




5 Menus & programming



ATyS C55/65

ATS CONTROLLER

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 1x C55 or C65 Controller
 - Qty 1x Controller IP65 gasket (C65 only)
 - Qty 4x Door mounting screws
 - Qty 1x Connector kit
 - Qty 4x Backplate mounting feet

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 SOCOMECS website.
- This product must always be installed and commissioned by qualified and approved personnel.
 - Maintenance and servicing operations should be performed by trained and authorized 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 practices 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. Installation standards must be respected.

Accessories

- Digiware I/O 10 (ref. 48290140)
- Gateway M70 (ref. 48290222)
- Controller 24 VDC aux power supply (6W minimum type SELV) mandatory with I/O 10 Modules

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

Spares

- Connector kit (ref. 16090002)
- Controller backplate mounting feet (ref. 16090005)
- Controller door mounting screws (ref. 16090004)
- Controller IP65 gasket (ref. 16090001) (C55/65)

CORPORATE HQ CONTACT:
SOCOMECS SAS,
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67235 BENFELD, FRANCE

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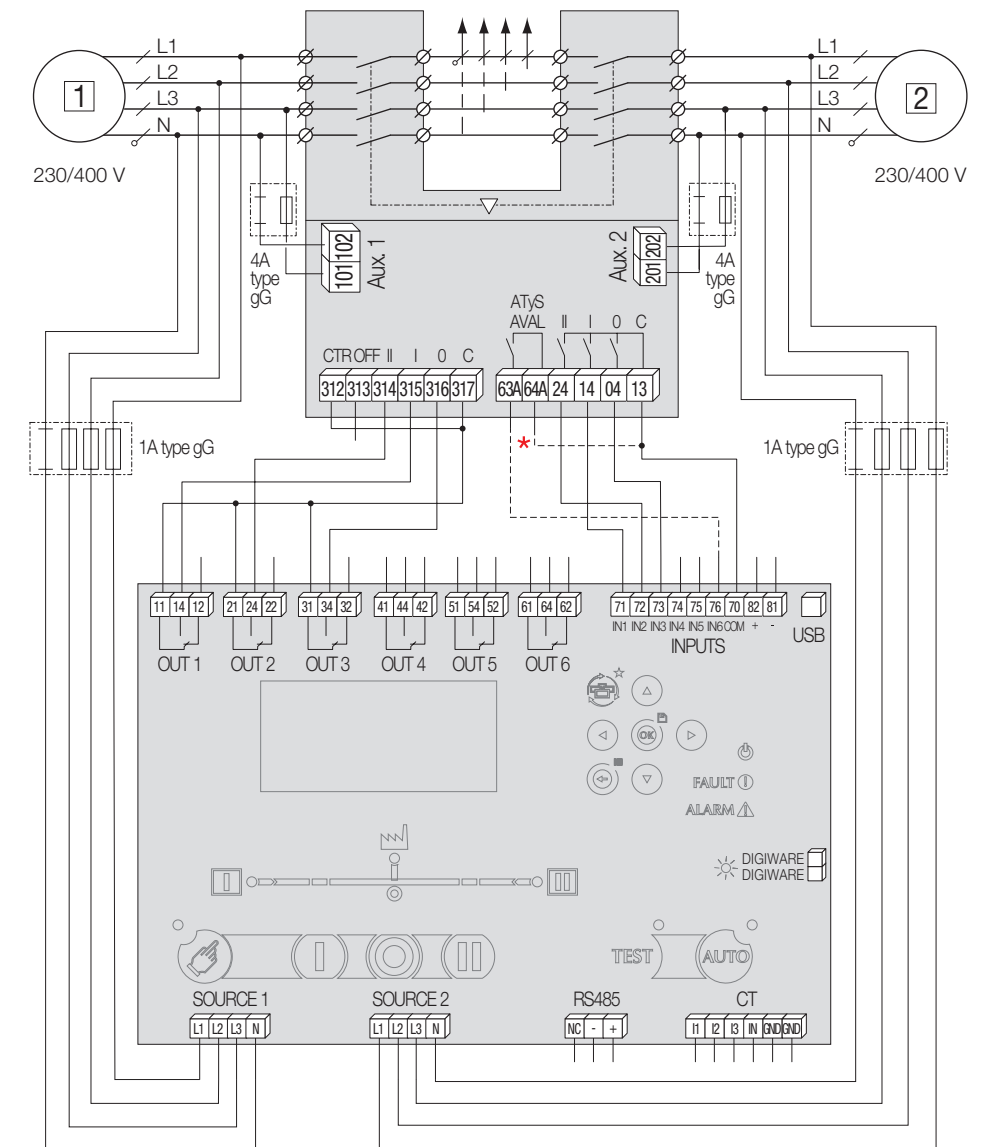
IEC 61010



Socomec Resource Center
To download, brochures, catalogues
and technical manuals

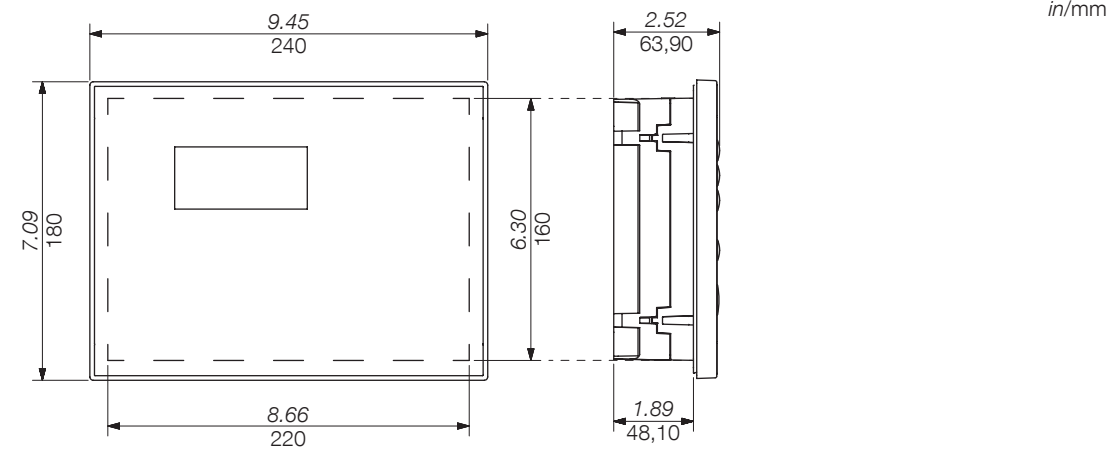


Connection diagram with ATYS d

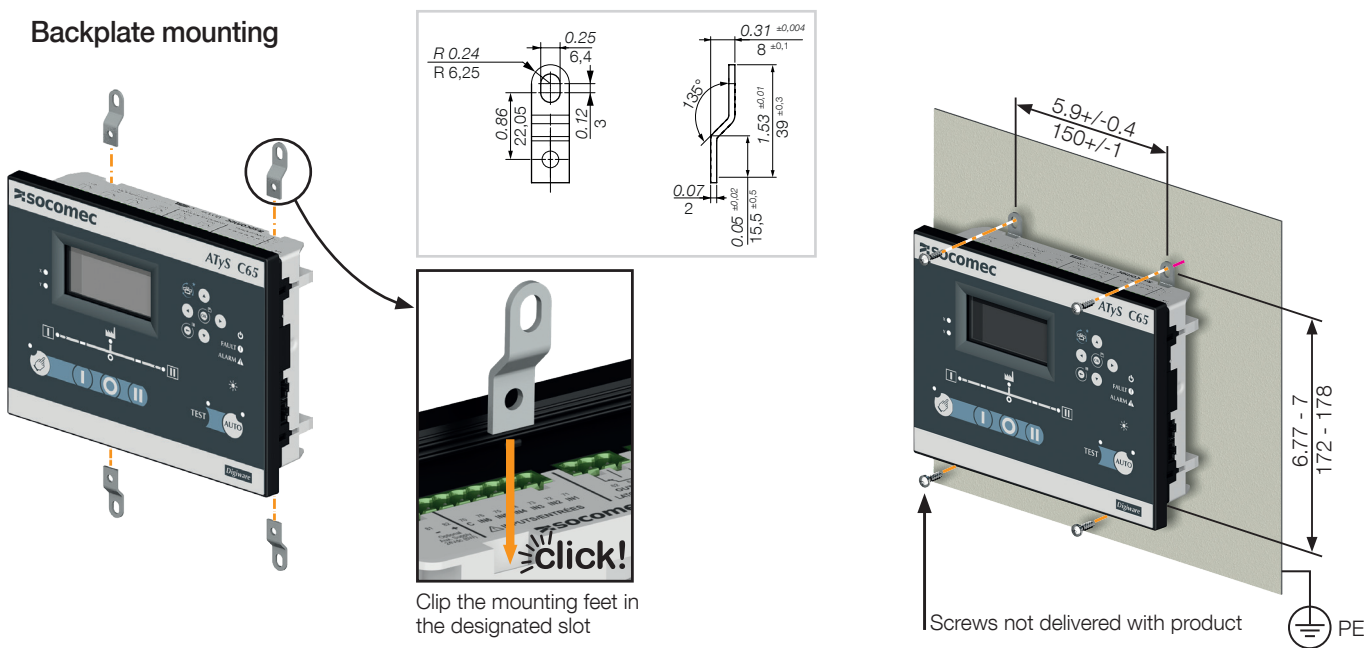
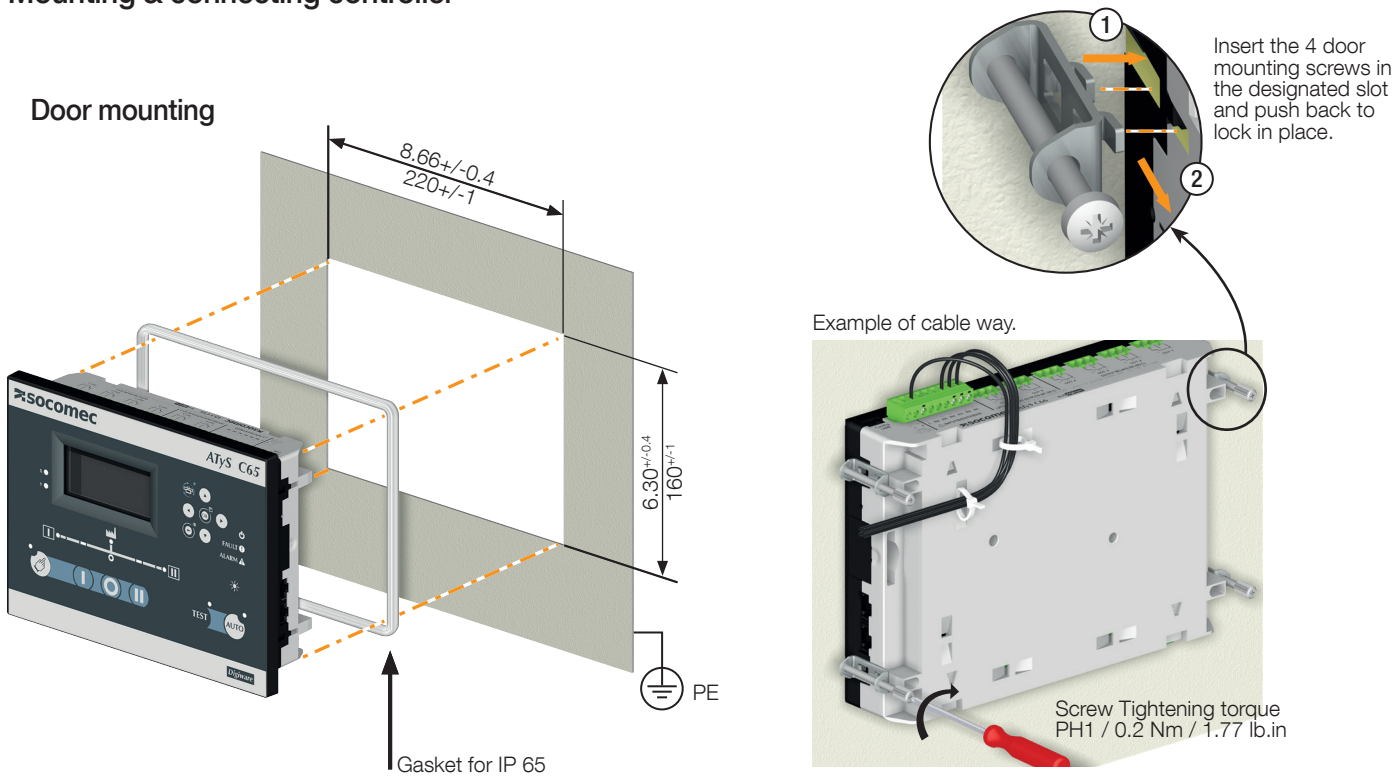


* The use of this input is optional, when used configure IN6 to «DOOR OPEN» in mode «NC».

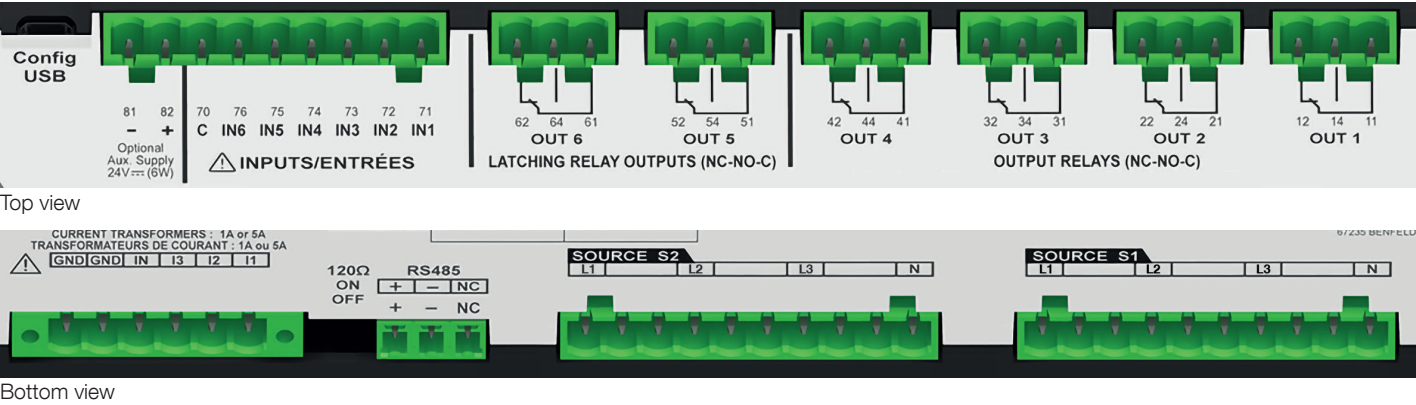
Product dimensions



1 Mounting & connecting controller



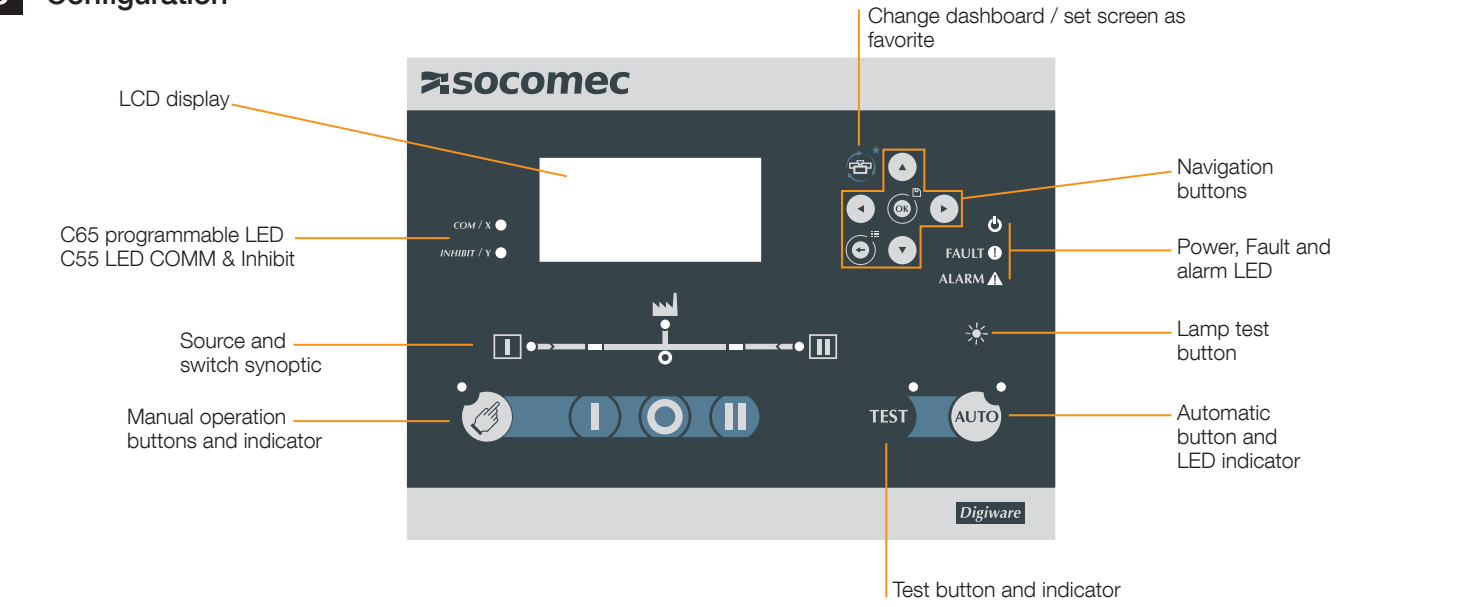
2 Controller wiring



TYPE	TERMINAL N°	DESCRIPTION	CHARACTERISTICS	RECOMENDED CROSS SECTION	TIGHTENING TORQUE
Sensing source 1	SOURCE 1 L1/L2/L3/N	Voltage sensing inputs source 1 & voltage supply (L1-L2)	Sensing voltage 50 - 575 V.a.c P-P - 50/60 Hz (+/- 10%) Supply voltage (L1-L2) 88 - 576 V.a.c - 50/60Hz (+/- 10%) Ui 600V	0.75-2.5mm² AWG 18-14	0.5-0.6 Nm 4.4-5.3 lb.in
Sensing source 2	SOURCE 2 L1/L2/L3/N	Voltage sensing inputs source 2 & voltage supply (L1-L2)			
Inputs	71	IN1: programmable input 1	Do not connect to any external power supply	0.5-2.5mm² AWG 20-14	
	72	IN2: programmable input 2			
	73	IN3: programmable input 3			
	74	IN4: programmable input 4			
	75	IN5: programmable input 5			
	76	IN6: programmable input 6			
	70	Common point for inputs			
Aux power supply	81/82	- : negative terminal for aux supply +: positive terminal of aux supply	12-24 Vd.c.		
Outputs	12/14/11	OUT1: programmable output 1	Dry contacts 8A / 277 VAC 50/60 Hz 5A / 24 VDC	1.5-2.5mm² AWG 16-14	
	22/24/21	OUT2: programmable output 2			
	32/34/31	OUT3: programmable output 3			
	42/44/41	OUT4: programmable output 4			
	52/54/51	OUT5: programmable output 5 (latching)			
	62/64/61	OUT6: programmable output 6 (latching)			
Current transformers	IN/13/12/11	CT neutral / CT phase C / CT phase B / CT phase A	CT input 1A or 5A		
Serial connection	RS485	Connection RS485 -: negative terminal of RS485 bus +: positive terminal of RS485 bus NC : Ground	RS485 bus insulated	LiYCY shielded twisted pair 0.14 to 1.5 mm² 30-14 AWG	0.22 -0.25 Nm
Digiware*	DIGIBUS	Connection point for I/O 10 optional accessories & digiware connection (must use 24 VDC input)	RJ 45 digiware cable	-	-

* For more information check I/O module instruction sheet ref 545597

3 Configuration



SMART WIZARD CONFIG:

When powered for the first time the controller will prompt the user to configure using the wizard. To access the wizard input code 1000 then the configuration will go as follow:



For advanced configuration go to parameters menu.