QUICK START **EN** 40 - 160A (4P)



Transfer Switching Equipment

Preliminary operations

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

- n Packaging and contents are in good condition
- n The product reference corresponds to the order.
- n Contents should include:
- Qtv 1 x ATvS M
- Qty 1 x Emergency handle extension rod
- Qty 1 x Set of terminals
- 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

- n This product must always be installed and commissioned by qualified and approved personnel.
- n Maintenance and servicing operations should be performed by trained and authorised personnel.
- n 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.
- n Always use an appropriate voltage detection device to confirm the absence of voltage.
- n Ensure that no metal objects are allowed to fall in the cabinet (risk of electrical arcing).

Failure to observe good enginering 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

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

- n Bridging bars 125A or 160A.
- n Control voltage transformer (400Vac -> 230Vac).
- n Voltage sensing and power supply tap. n Terminal shrouds
- n Additionnal aux contact block.
- n Polycarbonate enclosure.
- n Polycarbonate extension box
- n Dual Power Supply (DPS).
- n Power Connection Terminals.
- n ATS Control relay ATyS C30 + D10 or D20.
- n ATS control relay ATyS C20.
- n ATS control relay ATyS C40.



www.socomec.com

www.socomec.com/en/atvs-d-m

To download, brochures, catalogues and technical manuals.

Printing informations: 1 color Black. White paper 90g/m2. Printing size: 420x297. Final size 210x297. This page visible first A separate sheet for each language.





STEP 2 Connecting the POWER section

STEP 1

STEP 3 ALIX POWER terminal connections

STEP 4

STEP 5B mergency Manual Operation

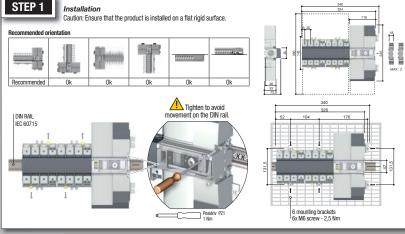
STEP 5A

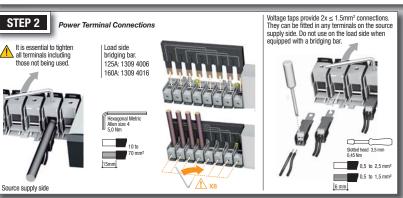
ontrol by an externa

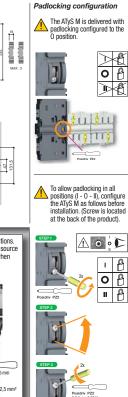
order (AUTO)

STEP 5C











Manual operation

 Open the front cover as shown to put into manual



 Use the handle situated in the front panel under the cover to operate the transfer switch.

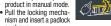
· Check the changeover switch position on the indicator before operating





Padlocking mode

 In order to padlock put the product in manual mode



 As standard padlocking in the 0 position. Configurable to I-O-II (see step 1).



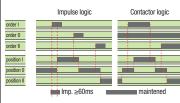




Automatic operation

Close the front cover as shown to put the product into automatic mode. The product is now ready to receive order inputs based on the following logic.





Note: Excludes position switching delays.

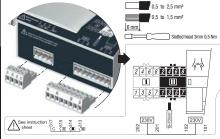
For contactor logic bridge contact 313 with 317.

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





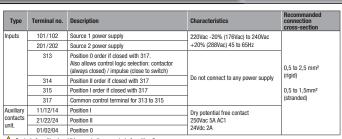
Ensure that the product is in Manual Mode (front cover open).



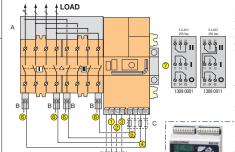
Auxiliary contacts: One module factory fitted (1309 0001) Fitting of the 2nd AC: 1309 0001 or 1309 0011

To fit an AC, the switch must first be put in position 0. An auxiliary contact module comprises: one NO/NC changeover contact for each position (I-O-II). To install use the long screws supplied with the module





Control of position I and II have priority on control of position 0.



: Position I order

2: Position II order : Position 0 order

l: Power supply I (230 VAC) 5: Power supply II (230 VAC)

6: Voltage tap

: Auxiliary contact block -1 NO/NC contact per position I,

0, II (1x factory fitted) A: Bridging bar (accessory) B: Single-phase voltage sensing tap

C: F1/F2 = fuse 10 A gG

Remote orders from ATS controller such as ATyS C20/ C30/C40 or PLC, BMS, etc.