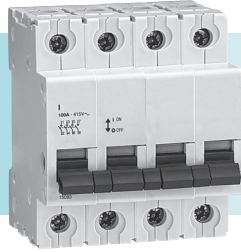


Isobar



MGI1253N, MGI1254



Schneider
Electric

Description

125 A 3P and 4P switch disconnecter and neutral link for use in Schneider Electric three phase + neutral boards.

Safety

The equipment must be installed and maintained by competent personnel in accordance with the appropriate statutory regulations and code of practice e.g. Electricity at Work Regulations, IEE Wiring Regulations (BS7671), etc..

Ensure the source is isolated elsewhere locked off and labelled prior to work being carried out on the board (See reverse for locking methods).

It is the responsibility of the installer to ensure that all electrical connections are tight and satisfactory earth continuity has been achieved.

Following completion of installation these instructions must be left with the equipment/end user.

Installation

MGI1253N	MGI1254
1 Ensure the switch disconnecter is in the off position and that the top and bottom tunnel terminals of both the switch disconnecter and the neutral terminal block are fully open.	Ensure the switch disconnecter is in the off position and that the top and bottom tunnel terminals are fully open.
2 Slacken the two DIN rail fixing screws and slide the DIN rail back in its slots.	Slacken the two DIN rail fixing screws and slide the DIN rail back in its slots.
3 Pull back the DIN rail clips on the switch disconnecter and neutral link locate the two devices onto the busbar stabs N on the left.	Pull back the DIN rail clips on the switch disconnecter and locate the devices onto the busbar stabs.
4 Align the busbar stabs in the centre of the tunnel terminal and then close DIN rail clips, by pushing them upwards until they lock.	Align the busbar stabs in the centre of the tunnel terminal and then close DIN rail clips, by pushing them upwards until they lock.
5 Slide DIN rail fully forward and retighten DIN rail fixing screws.	Slide DIN rail fully forward and retighten DIN rail fixing screws.
6 Fully tighten the busbar connection terminals to 3.5 Nm.	Fully tighten the busbar connection terminals to 3.5 Nm.
7 Prepare the incoming cable ends to expose 15 mm of conductor.	Prepare the incoming cable ends to expose 15 mm of conductor.
8 Insert the appropriate cable end in to the bottom switch disconnecter and neutral block terminals.	Insert the appropriate cable end in to the bottom switch disconnecter terminals.
9 Ensure that the correct polarity has been maintained i.e. from the left: neutral, L1, L2, L3.	Ensure that the correct polarity has been maintained i.e. from the left: neutral, L1, L2, L3.
10 Tighten the cable terminal screws to 3.5 Nm.	Tighten the cable terminal screws to 3.5 Nm.
11 Fit incoming terminal shield cutting to suit cables.	Fit incoming terminal shield cutting to suit cables.

General specification

Conforms to	BSEN 60947-3	
Current carrying capacity	125 A	
Switching duty	AC22	
Cable capacity	Single core	1 - 50 mm
	Multi core (using ferrules)	1 - 35 mm

Locking



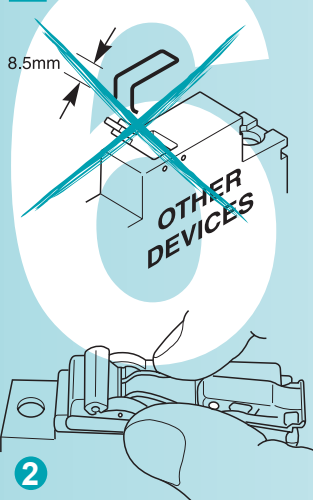
Locking device part number **MGLA** is available for use on switch disconnectors.

This device allows locking in the off position so the switch may not be closed inadvertently or unintentionally.

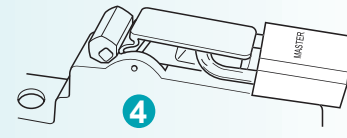
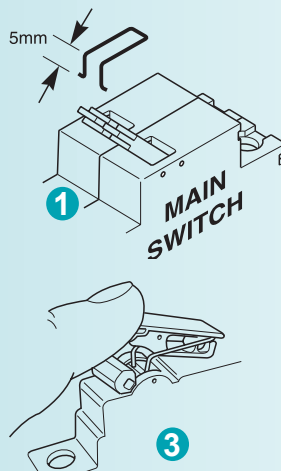
The padlock **MGLAP** enables the locking device to be secured in position.

Fitting the locking device Part No. MGLA

- 1 Select 5 mm wire spring.



- 2 MGLA must be mounted on the centre pole for three pole devices and two padlocking devices on the outer pole of four pole devices.



Health & Safety at Work, etc Act 1974

To ensure that the equipment described is safe for both personnel and property it should be installed, commissioned and maintained by or under the supervision of qualified persons.

Regard should be taken of IEE Wiring Regulations, Codes of Practice, Statutory requirements and any specific instructions issued by Schneider Electric.

Any operating or installation queries relating to these products should be communicated directly with Schneider Electric.

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This product must be installed, connected and used in compliance with prevailing standards and/or installation regulations.
As standards, specifications and designs develop from time to time, always ask for confirmation of the information given in this publication.

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