

Brief Product Description

BG DC isolator is a quality manufactured product used in applications to manually disconnect solar panels for installation maintenance and can be used in all types of DC switching and PV applications within the isolator parameters.

BG DC offer has only 2 references supporting 16A, 25A and 32A ratings this reduces the number of references for added flexibility.

Features

- Fixing points in the base to mount to the wall securely.
- Removable switch body.
- The front cover can only be removed when the handle is in the OFF position.
- Suitable for photovoltaic, inverters, applications, DC solar and solar pumps.
- Robust construction from flame retardant material and weather proof to IP66.
- 2 x Earth terminals included.
- Captive retained front cover screws.

DC Isolator Part Codes

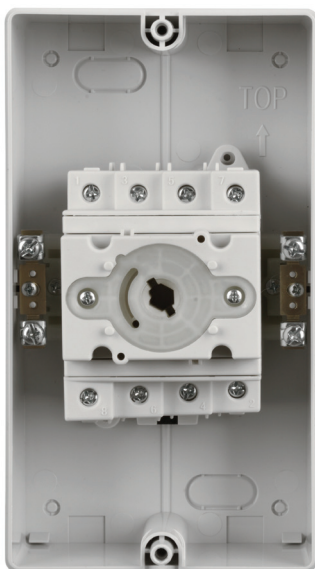
Cat No.	Description
CPDC425	Direct Current Isolator, IP66, 25A, 4 Pole
CPDC432	Direct Current Isolator, IP66, 32A, 4 Pole

Technical Specifications

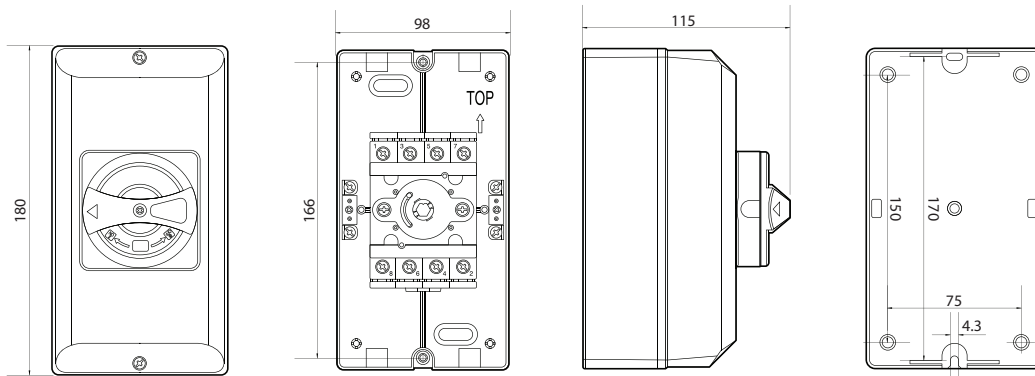
Enclosure Material	Plastic
Colour	Light Grey RAL7047
UV Stability	Yes
Number of Poles	4 Pole (2 Pole with Jumper Links)
Number of Jumper Links (included)	4
Fire Rating	V0 Internal, V2 Enclosure Body
IK Rating (Impact Resistance)	IK07
IP Rating	IP66
Temperature Range	-25°C to +85°C
Suitable for Isolation	Yes
Padlockable Handle	3rd Point Locking
Screw Torque Nm	1.4Nm
Recommended Screwdriver Type	Pozidrive 2
Cable Access Top and Bottom	4 x M25 Knockouts
Cables Sizes	2.5mm ² - 10mm ²
Rated Impulse Withstand Voltage (Uimp)	8kV
Mechanical Operations	20,000
Electrical Operations (OnLoad)	500
Type of Supply Voltage	DC
Rated Operational Voltage	600V - 1500V DC
Rated Max Current	25A & 32A
Type of Cable Connection	Rising Clamp
Switching Type	Rotary Handle
Warranty	10 Year
Standards	IEC 60947-3
	DC 21B
	IEC 60364-7-712



Product Images



Dimensional Line Drawing



Dimensions of Product

Height: 180 mm

Width: 98 mm

Depth: 115 mm (Overall)

Guarantee

BG Electrical Circuit Protection products are guaranteed against faulty materials and workmanship for a period of 10 years from date of delivery.

Products will be repaired or (at BG Electrical's discretion) replacements will be supplied or (at BG Electrical's discretion) a credit note will be issued. This guarantee is subject to BG Electrical's conditions of sale and in particular to the following conditions being met.

1. Notification of any defect is given as soon as reasonably practicable after becoming apparent, and the products then returned to BG Electrical.
2. The products have only been operated under normal operating conditions and have only been subject to normal use.
3. No work (other than normal and proper maintenance) has been carried out to the products without BG Electrical's prior written consent.
4. The products have been assembled, or incorporated into other goods, by a qualified and recognised electrician and only in accordance with any instructions issued by BG Electrical.
5. The defect has not arisen from an item manufactured or supplied by a person other than BG Electrical.

This guarantee does not affect any customer statutory rights.

All components used in a BG Electrical enclosure, must be supplied by BG Electrical.

The use of any other components will negate compliance to BS 61439 and the BG Electrical guarantee. Failure to fit the enclosure in accordance with these instructions will invalidate the guarantee.

