

Brief Product Description

Double pole bidirectional 100A Main Switch, providing safe isolation for the live and neutral poles for the incoming supply to the consumer unit.

Features

- Bidirectional
- BS7671 amendment 4 compliant device
- Pollution degree 3 tested
- -25°C - +40°C operating temperature range
- 2 module
- Rated to 100A
- DIN rail mounted
- For BG surface mounted consumer units
- Retro fittable

Part Codes

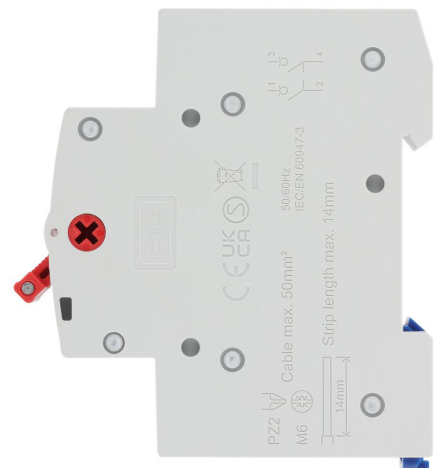
Cat No.	Description
CUSW100	2 Module

Technical Specifications

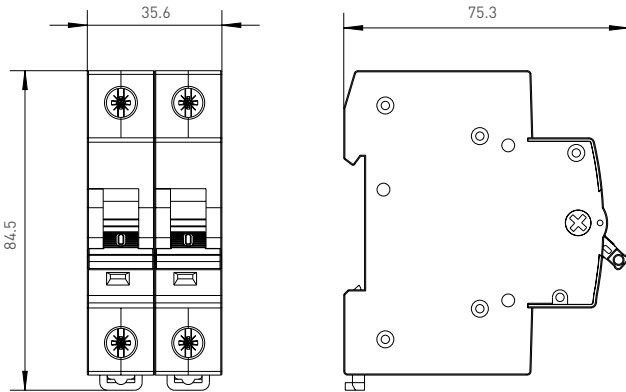
Bidirectional	Yes
Neutral Position	Right
Number of Poles	2
Type of Pole	1P+N
Fixing Mode	DIN Rail Type 35mm
Rated Operational Voltage Ue	230V
Pollution Degree	3
Frequency	50Hz
Type of Supply	AC
Rated Insulation Voltage	690V
Max Operating Voltage	264V
Rated Impulse Withstand Voltage	4kV
Electric Endurance in Number of Cycles	1,500
Number of Mechanical Operations	10,000
Screw Terminal	Yes - Pozidrive 2
Terminal Torque	3.5Nm
Max Cable Capacity	35mm ²
Working Temperature	-25°C - +40°C
Standards	IEC/EN60947-3



Product Images



Dimensional Line Drawing



Dimensions of Product

Height: 84.5 mm

Width: 35.6 mm

Depth: 75.3 mm

Pollution Degree 3 Definition

This is an approval rating given when testing has been performed on devices or electrical items. It ensures that both conductive pollution or dry non-conductive pollution does not become conductive when natural condensation is present.

Natural condensation can occur when an enclosure containing electrical devices/products is installed externally or in more harsh conditions than an internal application and could potentially be exposed to lower or higher ambient temperatures which could generate natural condensation which may harm the internal electrical components inside the enclosure.

BG Devices are tested to pollution degree 3 and also temperature tested to -25°C to + 40°C.