

Brief Product Description

Designed for commercial and light industrial use, providing safe multi-phase isolation with robust IP65 protection. The padlockable red/yellow handle enables secure lock-off during maintenance, with 4-pole switching suitable for three-phase equipment. Ideal for HVAC systems, machinery, and pump controls.

Features

- Insulated 4-Pole design for AC Isolation
- IP65 Weatherproof Enclosure
- M20/M25/M32 Cable Knockouts (top & bottom)
- Red/Yellow padlockable handle
- Lid Interlock prevents opening when ON
- Earth Terminals included
- Captive retained cover screws

AC Isolator Part Codes

Cat No.	Description
CPRSD416	16A Rotary Isolator IP65
CPRSD420	20A Rotary Isolator IP65
CPRSD425	25A Rotary Isolator IP65
CPRSD432	32A Rotary Isolator IP65
CPRSD440	40A Rotary Isolator IP65
CPRSD463	63A Rotary Isolator IP65
CPRSD4100	100A Rotary Isolator IP65

Technical Specifications

Operational Voltage	440V AC
Rated Voltage (Ue)	440V
Rated Insulation Voltage (V)	690V
Number of Poles	4-Pole
Screw Torque (N·m)	1.2 N·m (16A-63A), 2.0 N·m (100A)
Knockout Postions (Top)	M20/M25 X 4 (16A - 63A) M25/M32 X 4 + M20 X 2 (100A)
Knockout Positions (Bottom)	M20/M25 X 4 (16A - 63A) M25/M32 X 4 + M20 X 2 (100A)
Operational Temperature	-25°C to +70°C
Utilisation Category	AC-22A, AC-23A, AC-3
Construction Material	Plastic (Polycarbonate)
Enclosure Colour	RAL7047
Impact Resistance Rating	IK10
Ingress Protection Rating	IP65
Flame Retardancy	Enclosure - V2, Switch Body - V0
Standards	IEC 60947-3



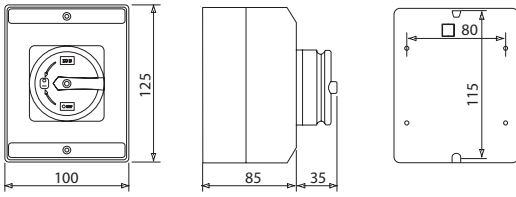
Product Images



CPRSD432

Product Code	CPRSD416	CPRSD420	CPRSD425	CPRSD432	CPRSD440	CPRSD463	CPRSD4100
Rated Short Circuit Current (Icw)	320A	500A	500A	800A	800A	800A	2000A
Rated Operating Current (A)	16A	20A	25A	32A	40A	63A	100A
AC-22A (A)	16	20	25	32	40	63	100
AC-23A (A)	16	20	25	32	40	63	100
AC-3 (A)	10	16	20	25	32	50	80
AC-23A (kW)	4	5.5	7.5	11	15	22	37
Rated Power Control (kW)	4	5.5	7.5	11	15	22	37
Max Cable Size (mm ²)	2.5 mm ²	2.5 mm ²	6 mm ²	6 mm ²	16 mm ²	16 mm ²	35 mm ²

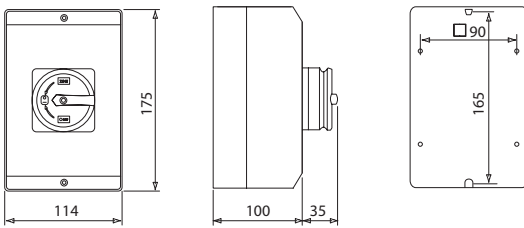
Dimensional Line Drawing



CPRSD416/CPRSD420/CPRSD425

Dimensions of Product

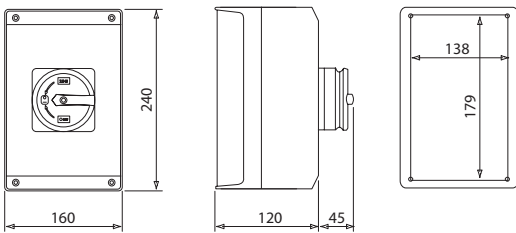
Height: 125mm
Width: 100mm
Depth: 120mm (Overall)



CPRSD432/CPRSD440/CPRSD463

Dimensions of Product

Height: 175mm
Width: 115mm
Depth: 135mm (Overall)



CPRSD4100

Dimensions of Product

Height: 240mm
Width: 160mm
Depth: 165mm (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.

