niGLON™ Control & **Automation**

# ENCLOSED SWITCHGEAR

# ENCLOSED CBR 4 POLE (MCCB + RCD) // MILD STEEL MS4CBR-200TSM



**200A AC Type 4 pole MCCB combined with ELCB enclosed in a mild steel enclosure. Defeatable, padlockable handle. MCCB has adjustable thermal protection and fixed magnetic protection**

## General Characteristics

| | |
|---|---|
| **Standards** | IEC61439-1, IEC62208, IEC60529,I EC62262 |
| **Number of Poles** | 4 |
| **Rated Insulation Voltage (Ui)** | 750V |
| **Rated Operational Voltage (Ue)** | 400/415 V |
| **Rated Operational Frequency** | 50/60 Hz |
| **Rated Current (In)** | 200A |
| **Rated Breaking Capacity @ 415V** | 35kA |
| **Rated Ultimate Short Circuit Breaking Capacity Icu AC400V/50Hz O-CO (1)** | 50kA |
| **Rated Impulse Withstand Voltage Uimp** | 8000V |
| **Adjustable Residual Current Threshold (mA)** | 100 - 300 - 500 |
| **Adjustable Time Delay (ms)** | 50 - 500 - 800 |
| **Mechanical Endurance** | 7000 ops |
| **Electrical Endurance** | 1000 ops |
| **Adjustable Thermal Release In** | min 0.8 / max 1.0 |
| Weight | 15.5 Kg |

(1) Breaking Capacity Code S

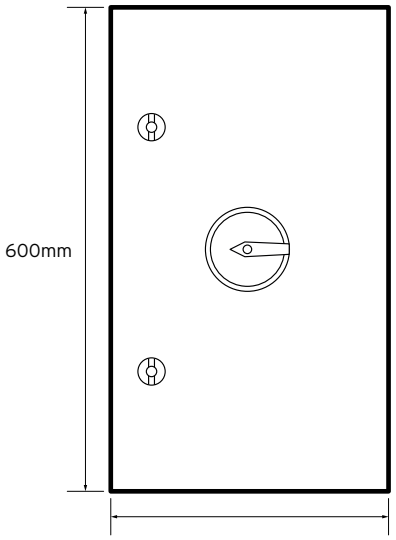
## Enclosure Characteristics

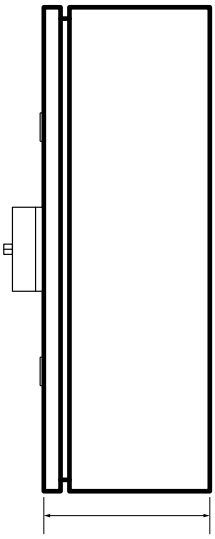
| | |
|---|---|
| **Standard** | EN61439-1 |
| **Overall Dimensions HxWxD** | 600x400x200mm |
| **Degree of Ingress When Fitted** | IP30 |
| **Construction** | 1.2mm Mild Steel |
| **Finish** | Epoxy Power Coat |
| **Colour** | RAL7035 |

## Available Accessories

| | |
|---|---|
| **Auxilliary Contact AX** | FFA-AX250 |
| **Alarm Contact AL** | FFA-AL250 |
| **Shunt Trip 230V SHT** | FFA-ST250 |
| **Undervoltage Trip 230V UT** | FFA-UT250 |
| **Straight Extension Kit** | 4P250EBK |
| **Spread Extension Kit** | 4P250SEBK |
| **Terminal Covers** | 4P250EBK-TC |

## Technical Drawing




**Additional Information**

This product is for use by skilled persons or instructed persons. The installation of this product must comply with current IEE regulations. The IP rating of the unit can be compromised if the correct use of glands is not followed. Terminals, including those factory fitted, must be checked for correct tightness before commissioning. All terminals should be periodically checked for correct tightness. The data herein serves only to describe the product and should not be regarded as representing guaranteed properties in the legal sense. We reserve the rights of modificationwhilst every care has been take in ensuring the accuracy of this catalogue, the Supplier accepts no liability whatsoever for any eventuality arising from errors or omissions within its catalogues, brochures or within any online presence.

0121 711 1990
sales@niglon.co.uk | www.niglon.co.uk

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