

ENCLOSED SWITCHGEAR

CBR 4 POLE (MCCB+RCD) 4CBR-160



**160A 4 pole MCCB combined with ELCB
with adjustable thermal protection and fixed
magnetic protection**

General Characteristics

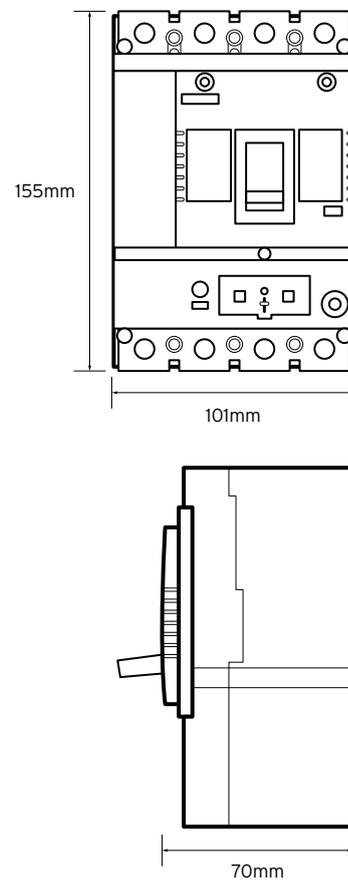
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|------------------------------------------------------------------------------------|---------------------------------------------|
| Standards | IEC61439-1, IEC62208, IEC60529, IEC62262 |
| Number of Poles | 4 |
| Frame Size | 160 |
| Height | 155mm |
| Depth | 70mm |
| Width | 101mm |
| Rated Insulation Voltage (Ui) | 750V |
| Rated Operational Voltage (Ue) | 400/415 V |
| Rated Operational Frequency | 50/60 Hz |
| Rated Current (In) | 160A |
| 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 | 3.8Kg |

(1) Breaking Capacity Code S

Available Accessories

| | |
|----------------------------------|-------------|
| Auxilliary Contact AX | FFA-AX160 |
| Alarm Contact AL | FFA-AL160 |
| Shunt Trip 230V SHT | FFA-ST160 |
| Undervoltage Trip 230V UT | FFA-UT160 |
| Straight Extension Kit | 4P160EBK |
| Spread Extension Kit | 4P160SEBK |
| Terminal Covers | 4P160EBK-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 modification whilst every care has been taken 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.