

This document must be retained for future reference.

It is the responsibility of the person installing the electrical equipment to ensure that the installation meets the requirements of the IET wiring regulations and is therefore 'fit for purpose'. Factors such as correct selection of components, cable sizing, protective devices and Earth bonding are all critical and should be checked prior to full testing and power-up. Any other regulations applicable to the equipment being installed such as the Machinery Directive and current health and safety legislation must also be adhered to.

All connections (including factory made) must be checked for the correct tightness prior to commissioning of the electrical installation. All connections should also be inspected periodically to ensure correct tightness.

DO NOT USE POWER TOOLS ON THESE PRODUCTS

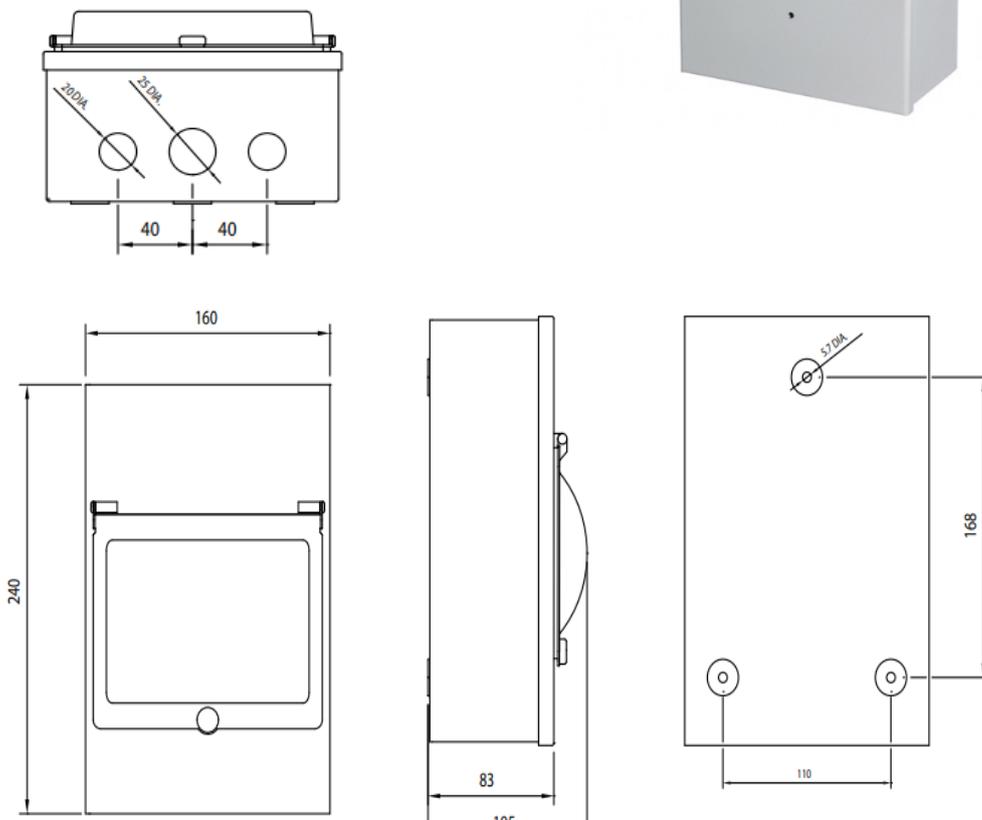


GRG16MA | GRG32MA

- IP54
- Amendment 3 Compliant
- Earth and neutral terminals provided
- Epoxy powder coated RAL 7035



Dimensions



Additional Technical Data

- GRG16M: 63A RCCB + 6A & 16A MCB
- GRG32M: 63A RCCB + 6A & 32A MCB

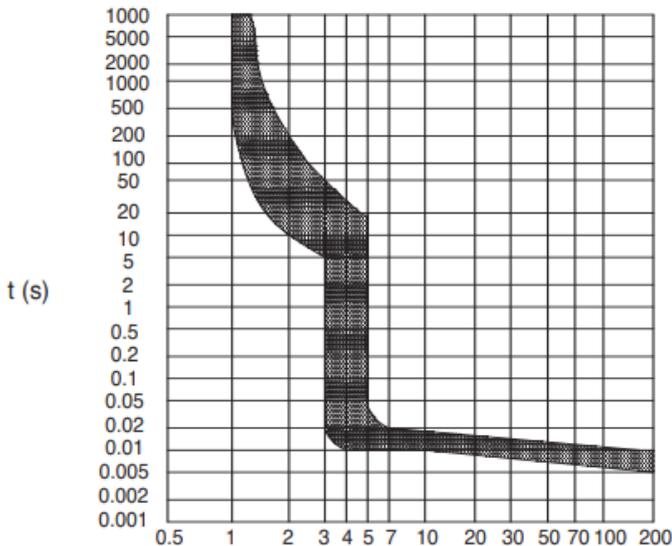
MCB UB1 B & C Curve 1 Pole 6kA

Product Range	EUB1
Standard (s)	IEC 60898-1, EN 60898-1
Characteristics Curves	B,C
Rated Current (In)	6, 10, 16, 20, 25, 32, 40, 50 & 63A
Rated Voltage (Ue)	AC 230(240)
Rated Frequency	50/60Hz
Rated impulse withstand Voltage (Uimp)	4kV
Energy Limiting Class	3
Number of Poles	1
Rated Short-Circuit Capacity (Icn)	6kA
Operating Temperature	-5° to 40°C*
Altitude	Not exceeding 2000 metres
Humidity	Not exceeding 50% at 40°C and 90% at 20°C
Pollution Degree	2
Overvoltage Category	III
Terminal protection	IP20
Mounting	35mm DIN Rail
Terminal Type	Tunnel
Terminal Capacity	1.0-25mm ²
Recommended Terminal Torque	2.0Nm

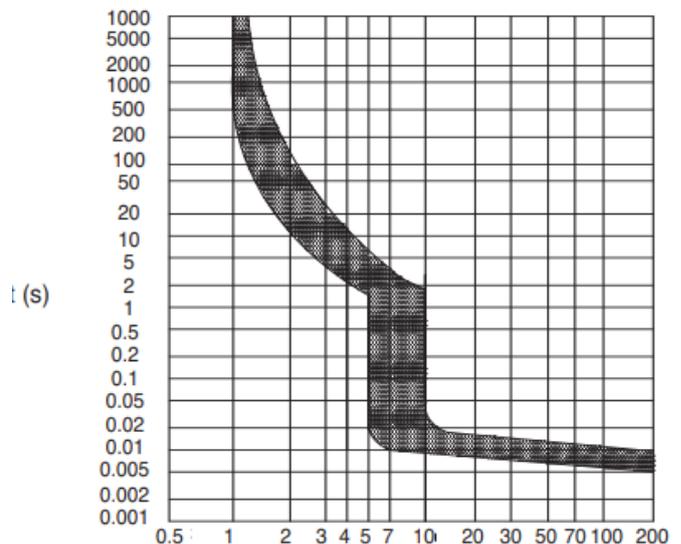


* Average not exceeding 35°C over a 24 hour period

B Curve



C Curve



RCCB EUR1 TYPE 'A' 10kA

Product Range	EUR1
Standard(s)	BS EN 61008-1, EN 61008-1
Type	A
Rated Current (In)	63A
Rated Residual Operating Current IΔn	30mA
Standard Tripping Time 1 x IΔn	≤ 300ms
Standard Tripping Time 5 x IΔn	≤ 40ms
Rated Voltage (Ue)	AC 110/230(240)/400(415)V
Rated Frequency	50/60Hz
Rated impulse withstand Voltage (Uimp)	4kV
Number of Poles	2
Rated Short-Circuit Capacity (Inc)	10kA
Operating Temperature	-5° to 40°C**
Altitude	Not exceeding 2000 metres
Humidity	Not exceeding 50% at 40°C and 90% at 20°C
Pollution Degree	2
Terminal protection	IP20
Mounting	35mm DIN Rail
Terminal Type	Tunnel
Terminal Capacity	1.5-25mm ² (25A, 40A, 63A, 80A) 1.5-35mm ² (100A)
Recommended Terminal Torque	2.5Nm
<p>** Average not exceeding 35°C over a 24 hour period. Note: Type A RCCB is suitable for Type AC applications and for installations where any smooth DC fault current is less than 6mA.</p>	