DPN RCBO
Combined MCB/RCD

Application
Protection against the effects of earth leakage, overload and short circuit currents.
- 2 pole switching of phase & neutral. Phase protected against overloads and short circuits.
- Commercial, industrial and domestic electrical distribution systems.
Note: must not be used as the sole means of providing protection against direct contact (BS7671).

Technical data
- Nominal voltage: 110/240V.
- Breaking capacity: 6000A Ics to BS EN 60898, and earth leakage tested to BS EN 61009.
- Tripping characteristics: C curve: the magnetic release operates between 5 and 10 x In.
- Positive contact indication of the phase conductor: in accordance with the IEE Wiring Regulations BS7671.
- Sensitivity: (non-adjustable) 30mA:
  - unwanted tripping: The DPN rcbo incorporates a filtering device, preventing the risks of unwanted tripping due to transient voltages (lightning, line disturbances on other equipment and transient currents from high capacitive circuits).
- Visual indication of trip due to earth faults.
- Cable capacities: Tunnel terminals up to 16mm².
- Weight: 190g.
- Installation: Panel mounting on symmetrical DIN rail in multi-service type boards and standard enclosures.
- Padlocking in the ON/OFF position by using part n°. MGLA or 20718.

Dimensions (mm)
RCBO

Combi busbars
Comb busbars enable several circuit breakers to be supplied with power.
- The supply to the comb busbar can be connected:
  - Directly across the circuit breaker terminals by a 16mm² cable,
  - via 25mm² connectors. Suitable for use with DPN MCB’s and DPN vigi or combinations of both.

Characteristics
- Current rating at 40°C:
  - 100A with a central connector,
  - 125A with two supply points.

Clip-on markers
- Markers can be installed:
  - On the front face (max. 6 markers)
  - Or above the downstream terminals (max. 4 markers). See page 31.