Multi 9
C60N/H miniature circuit-breakers

The C60N or H circuit-breaker is a miniature circuit-breaker used for the protection of circuits in the residential, commercial and industrial sector. It ensures the following functions: protection against short-circuit, overload currents and isolation.

Operation
- 1 to 4-pole circuit-breakers.
- Control and protection:
  - B curve: against low short-circuit current levels (generators, long cable runs),
  - C curve: against the overcurrents of circuits feeding conventional loads,
  - D curve: against the current of installations containing loads with high inrush currents (motors, transformers).

Advantages
- Conformity with standards: AS/NZS 60898.
- Ratings from 1 to 63 A.
- Breaking capacity of 6 000/10 000 A.
- Clip-on electrical auxiliaries and add-on accessories.
- Total compatibility with Prisma Plus Switchboards and PDL Superboards.

The range
Choice table

### C60N type

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<tr>
<th>C60N type</th>
<th>Rating (A)</th>
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### Technical data

#### Electrical data

- **Power circuit:**
  - max voltage rating: 440 V AC,
  - insulation voltage: 500 V,
  - ratings from 1 to 63 A set at 30°C (40°C for D curve),
  - breaking capacity:

#### Mechanical data

- **Connection by tunnel terminals for the following cables:**
  - 16 mm² flexible or 25 mm² stranded for up to 25 A ratings,
  - 25 mm² flexible or 35 mm² stranded for ≥32 A ratings,
- **Screw type:** Pozidrive No.2,
- **Durability:** 20 000 cycles (O-C).
- **Dimensions (w x h x d mm):** 18 x N (number of poles) x 81 x 70.
- **Weight (g):** 1P: 120, 2P: 240, 3P: 360, 4P: 480.

### Environment

- **Tropicalisation:** treatment 2 (relative humidity: 95% at 55°C).
- Degree of protection:
  - of enclosure: IP 40,
  - of terminals: IP 20.
- **Operating temperature:**
  - 5°C to +60°C.
- **Storage temperature:**
  - -40°C to +100°C.

Owing to changes in standards and equipment, the characteristics given in the text and images in this document are not binding until they have been confirmed with us.