



Main

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|---------------------------|---|
| Device application | Distribution |
| Range of product | Librio |
| Product or component type | Miniature circuit-breaker |
| Device short name | C40N |
| Poles description | 3P + N |
| Number of protected poles | 3 |
| Neutral position | Left |
| [In] rated current | 25 A |
| Network type | AC |
| Trip unit technology | Thermal-magnetic |
| Curve code | C |
| Breaking capacity | Icu conforming to IEC 60947-2 - 400 V AC 50 Hz Icn conforming to EN 60898 - 400 V AC 50 Hz |
| Suitability for isolation | Yes conforming to IEC 60947-2 |
| Standards | EN 50027 EN 60898 EN 61009 IEC 60947-2 |

Complementary

| | |
|--|---|
| Network frequency | 50 Hz |
| [Ue] rated operational voltage | 400 V AC 50 Hz between phase and neutral |
| Magnetic tripping limit | 5...10 x In |
| [Ics] rated service breaking capacity | 6000 A conforming to EN 60898 AC 50 Hz |
| Limitation class | 3 |
| [Ui] rated insulation voltage | 400 V AC 50 Hz conforming to EN 60898 |
| [Uimp] rated impulse withstand voltage | 4 kV |
| Control type | Toggle |
| Local signalling | ON/OFF indication |
| Mounting mode | Fixed |
| Mounting support | 35 mm symmetrical DIN rail |
| Comb busbar distribution block compatibility | Librio |
| 9 mm pitches | 6 |
| Mechanical durability | 20000 cycles |
| Electrical durability | 10000 cycles |
| Connections - terminals | Tunnel type terminals rigid wire(s) 1...16 mm ² max Tunnel type terminals flexible wire(s) 1.5...16 mm ² max |
| Earth-leakage protection | Separate block |

Environment

| | |
|---------------------------------------|-----------------------------|
| IP degree of protection | IP4 |
| pollution degree | 3 conforming to IEC 60947-2 |
| tropicalisation | 2 |
| relative humidity | 95 % 55 °C |
| operating altitude | 2000 m |
| ambient air temperature for operation | -5...70 °C |
| ambient air temperature for storage | -40...100 °C |

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Contractual warranty

Warranty period

18 months