



Main

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	32 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