



Main

Circuit breaker application	Distribution
Range of product	IK60
Device short name	IK60N
Poles description	3P
Number of protected poles	3
[In] rated current	20 A
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C
Utilisation category	Category A EN 60947-2
Suitability for isolation	Yes EN 60898-1 Yes IEC 60898-1

Complementary

Network frequency	50/60 Hz
[Ue] rated operational voltage	400 V AC 50/60 Hz
Magnetic tripping limit	5...10 x In
Breaking capacity	6000 A Icn EN 60898-1 400 V AC 50/60 Hz 6000 A Icn IEC 60898-1 400 V AC 50/60 Hz
Limitation class	3 EN 60898-1 3 IEC 60898-1
[Ui] rated insulation voltage	400 V AC 50/60 Hz EN 60898-1 400 V AC 50/60 Hz IEC 60898-1
[Uimp] rated impulse withstand voltage	4 kV EN 60898-1 4 kV IEC 60898-1
Contact position indicator	No
Control type	Toggle
Local signalling	Without
Mounting mode	Removable comb busbar installed
Mounting support	DIN rail
9 mm pitches	6
Width	54 mm
Colour	White
Connections - terminals	Tunnel type terminals top or bottom 1...25 mm ² solid 1 Tunnel type terminals top or bottom 0.5...16 mm ² flexible with cable end 1 Tunnel type terminals top or bottom 0.5...16 mm ² flexible without cable end 1 Tunnel type terminals top or bottom 1.5 mm ² flexible without cable end 1...5 Tunnel type terminals top or bottom 1.5 mm ² solid 1...5 Tunnel type terminals top or bottom 2.5 mm ² flexible without cable end 1...3 Tunnel type terminals top or bottom 2.5 mm ² solid 1...3
Wire stripping length	14 mm top or bottom
Tightening torque	2 nm top or bottom
Earth-leakage protection	Without

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Environment

Standards	EN 60898-1 IEC 60898-1
IP degree of protection	IP3 EN 60947-2
Pollution degree	2 IEC 60898-1 2 EN 60898-1
Electrical shock protection class	Class II front face
Tropicalisation	2 EN/IEC 60068-2-78
Relative humidity	95 %
Operating altitude	0...2000 m
Ambient air temperature for operation	-25...60 °C
Ambient air temperature for storage	-40...85 °C