

A9F04116

Miniature circuit breaker (MCB), Acti9 iC60N, 1P, 16A, C curve, 6000A (IEC 60898-1), 10kA (IEC 60947-2), double term.



Main

Device Application	Distribution
Range	Acti9
Product name	Acti9 iC60
Product or Component Type	Miniature circuit-breaker
Device short name	IC60N
Poles description	1P
Number of protected poles	1
Line Rated Current	16 A
Network type	DC AC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	6000 A Icn 230 V AC 50/60 Hz EN/IEC 60898-1 10 KA Icu 60...72 V DC EN/IEC 60947-2 15 KA Icu 12...60 V DC EN/IEC 60947-2 10 KA Icu 220...240 V AC 50/60 Hz EN/IEC 60947-2 36 KA Icu 12...60 V AC 50/60 Hz EN/IEC 60947-2 20 kA Icu 100...133 V AC 50/60 Hz EN/IEC 60947-2
Utilisation category	Category A EN 60898-1 Category A IEC 60898-1
Suitability for isolation	Yes EN 60898-1 Yes EN 60947-2 Yes IEC 60898-1 Yes IEC 60947-2
Standards	EN 60947-2 EN 60898-1 IEC 60947-2 IEC 60898-1

Complementary

Network Frequency	50/60 Hz
Magnetic tripping limit	8 x In +/- 20 %
[Ics] rated service breaking capacity	27 KA 75 % EN 60947-2 - 12...60 V AC 50/60 Hz 7.5 KA 75 % EN 60947-2 - 220...240 V AC 50/60 Hz 27 KA 75 % IEC 60947-2 - 12...60 V AC 50/60 Hz 7.5 KA 75 % IEC 60947-2 - 220...240 V AC 50/60 Hz 15 KA 75 % IEC 60947-2 - 100...133 V AC 50/60 Hz 15 KA 75 % EN 60947-2 - 100...133 V AC 50/60 Hz 6000 A 100 % EN 60898-1 - 230 V AC 50/60 Hz 6000 A 100 % IEC 60898-1 - 230 V AC 50/60 Hz 10 KA 100 % EN 60947-2 - 72 V DC 10 KA 100 % IEC 60947-2 - 72 V DC 15 KA 100 % EN 60947-2 - 12...60 V DC 15 kA 100 % IEC 60947-2 - 12...60 V DC
Limitation class	3 EN 60898-1 3 IEC 60898-1
[Ui] rated insulation voltage	500 V AC 50/60 Hz EN 60947-2 500 V AC 50/60 Hz IEC 60947-2
[Uimp] rated impulse withstand voltage	6 KVEN 60947-2 6 kVIEC 60947-2
Contact position indicator	Yes

Control Type	Toggle
Local signalling	Trip indicator
Mounting Support	DIN rail
9 mm pitches	2
Height	3.58 in (91 mm)
Width	0.71 in (18 mm)
Depth	3.09 in (78.5 mm)
Net Weight	0.28 lb(US) (0.125 kg)
Color	White
Mechanical durability	20000 cycles
Electrical durability	10000 cycles
Connections - terminals	Double terminal top or bottom) 0.00...0.04 in ² (1...25 mm ²) rigid Double terminal top or bottom) 0.00...0.02 in ² (1...16 mm ²) flexible
Wire stripping length	0.55 in (14 mm) for top or bottom connection
Tightening torque	17.70 lbf.in (2 N.m) top or bottom
Earth-leakage protection	Without

Environment

IP degree of protection	IP20 conforming to IEC 60529 IP20 conforming to EN 60529
Pollution degree	3
Overvoltage category	IV
Tropicalisation	2
Relative humidity	95 % 131 °F (55 °C)
Ambient air temperature for operation	-31...158 °F (-35...70 °C)
Ambient Air Temperature for Storage	-40...185 °F (-40...85 °C)

Ordering and shipping details

Category	US10DE200908
Discount Schedule	0DE2
GTIN	3606480440366
Returnability	No
Country of origin	IN

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	0.71 in (1.8 cm)
Package 1 Width	2.95 in (7.5 cm)
Package 1 Length	3.54 in (9 cm)
Package 1 Weight	3.95 oz (112 g)
Unit Type of Package 2	BB1
Number of Units in Package 2	12
Package 2 Height	3.27 in (8.3 cm)
Package 2 Width	3.74 in (9.5 cm)
Package 2 Length	8.50 in (21.6 cm)
Package 2 Weight	3.23 lb(US) (1.467 kg)
Unit Type of Package 3	S03
Number of Units in Package 3	132
Package 3 Height	11.81 in (30 cm)
Package 3 Width	11.81 in (30 cm)
Package 3 Length	15.75 in (40 cm)
Package 3 Weight	37.57 lb(US) (17.041 kg)

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	 China RoHS Declaration
RoHS exemption information	 Yes
Environmental Disclosure	 Product Environmental Profile
Circularity Profile	No need of specific recycling operations
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Contractual warranty

Warranty	18 months
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