

A9F85110

Miniature circuit-breaker, Acti9 iC60H, 1P, 10 A, D curve, 10000 A (IEC 60898-1), 15 kA (IEC 60947-2)



Main

Device Application	Distribution
Range	Acti 9
Product name	Acti 9 iC60
Product or Component Type	Miniature circuit-breaker
Device short name	IC60H
Poles description	1P
Number of protected poles	1
Line Rated Current	10 A
Network type	DC AC
Trip unit technology	Thermal-magnetic
Curve code	D
Breaking capacity	10000 A Icn 230 V AC 50/60 Hz EN/IEC 60898-1 15 KA Icu 220...240 V AC 50/60 Hz EN/IEC 60947-2 42 KA Icu 12...60 V AC 50/60 Hz EN/IEC 60947-2 30 KA Icu 100...133 V AC 50/60 Hz EN/IEC 60947-2 15 KA Icu 60...72 V DC EN/IEC 60947-2 20 KA Icu 12...60 V DC EN/IEC 60947-2
Utilisation category	Category A EN 60947-2 Category A IEC 60947-2
Suitability for isolation	Yes EN 60898-1 Yes EN 60947-2 Yes IEC 60898-1 Yes IEC 60947-2
Standards	EN 60947-2 IEC 60898-1 IEC 60947-2 EN 60898-1

Complementary

Network Frequency	50/60 Hz
Magnetic tripping limit	12 x In +/- 20 %
[Ics] rated service breaking capacity	21 KA 50 % EN 60947-2 - 12...60 V AC 50/60 Hz 7.5 KA 50 % EN 60947-2 - 220...240 V AC 50/60 Hz 21 KA 50 % IEC 60947-2 - 12...60 V AC 50/60 Hz 7.5 KA 50 % IEC 60947-2 - 220...240 V AC 50/60 Hz 7500 A 75 % EN 60898-1 - 230 V AC 50/60 Hz 7500 A 75 % IEC 60898-1 - 230 V AC 50/60 Hz 15 KA 50 % IEC 60947-2 - 100...133 V AC 50/60 Hz 15 KA 50 % EN 60947-2 - 100...133 V AC 50/60 Hz 15 KA 100 % EN 60947-2 - 72 V DC 15 KA 100 % IEC 60947-2 - 72 V DC 20 KA 100 % EN 60947-2 - 12...60 V DC 20 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 Mode	Fixed
Mounting Support	DIN rail
Comb busbar and distribution block compatibility	Top or bottom YES
9 mm pitches	2
Height	3.35 in (85 mm)
Width	0.71 in (18 mm)
Depth	3.09 in (78.5 mm)
Product Weight	0.47 lb(US) (0.215 kg)
Color	White
Mechanical durability	20000 cycles
Electrical durability	10000 cycles
Connections - terminals	Single terminal top or bottom) 0.00...0.04 in ² (1...25 mm ²) rigid Single terminal top or bottom) 0.00...0.02 in ² (1...16 mm ²) flexible
Wire stripping length	0.55 in (14 mm) top or bottom
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 EN 60947-2 3 IEC 60947-2
Overvoltage category	IV
Tropicalisation	2 IEC 60068-1
Relative humidity	95 % 131 °F (55 °C)
Operating altitude	0...6561.68 ft (0...2000 m)
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	00908 - C60N SUPPLEMENTARY PROTECTORS
Discount Schedule	DE2
GTIN	3606480083228
Nbr. of units in pkg.	1
Package weight(Lbs)	3.88 oz (110 g)
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	0.71 in (1.8 cm)
Package 1 width	3.07 in (7.8 cm)
Package 1 Length	3.74 in (9.5 cm)
Unit Type of Package 2	BB1
Number of Units in Package 2	12
Package 2 Weight	3.06 lb(US) (1.388 kg)
Package 2 Height	3.94 in (10 cm)
Package 2 width	3.15 in (8 cm)
Package 2 Length	9.06 in (23 cm)
Unit Type of Package 3	S03
Number of Units in Package 3	132
Package 3 Weight	34.73 lb(US) (15.755 kg)
Package 3 Height	11.81 in (30 cm)
Package 3 width	11.81 in (30 cm)
Package 3 Length	15.75 in (40 cm)

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
Halogen content performance	Halogen free product

Contractual warranty

Warranty	18 months
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