Product datasheet

Specifications



Miniature circuit-breaker, Acti9 iC60L, 2P, 16 A, C curve, 15000 A (IEC 60898-1), 25 kA (IEC 60947-2)

A9F94216

EAN Code: 3606480084225

Main

Device application	Distribution
Range	Acti9
product name	Acti9 iC60
Product or component type	Miniature circuit-breaker
Device short name	iC60L
Poles description	2P
Number of protected poles	2
[In] rated current	16 A
Network type	DC AC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	15000 A Icn at 400 V AC 50/60 Hz conforming to EN/IEC 60898-1 70 kA Icu at 12...133 V AC 50/60 Hz conforming to EN/IEC 60947-2 20 kA Icu at 440 V AC 50/60 Hz conforming to EN/IEC 60947-2 25 kA Icu at 380...415 V AC 50/60 Hz conforming to EN/IEC 60947-2 15 kA Icu at 220...250 V DC conforming to EN/IEC 60947-2
Utilisation category	Category A conforming to EN 60947-2 Category A conforming to IEC 60947-2
Suitability for isolation	Yes conforming to EN 60898-1 Yes conforming to EN 60947-2 Yes conforming to IEC 60898-1 Yes conforming to IEC 60947-2
Standards	IEC 60947-2 IEC 60898-1 EN 60947-2 EN 60898-1

Complementary

Network frequency	50/60 Hz
Magnetic tripping limit	8 x In +/- 20 %
[Ics] rated service breaking capacity	12.5 kA 50 % conforming to EN 60947-2 - 380...415 V AC 50/60 Hz 10 kA 50 % conforming to EN 60947-2 - 440 V AC 50/60 Hz 12.5 kA 50 % conforming to IEC 60947-2 - 380...415 V AC 50/60 Hz 10 kA 50 % conforming to IEC 60947-2 - 440 V AC 50/60 Hz 25 kA 50 % conforming to EN 60947-2 - 220...240 V AC 50/60 Hz 25 kA 50 % conforming to IEC 60947-2 - 220...240 V AC 50/60 Hz 35 kA 50 % conforming to EN 60947-2 - 12...133 V AC 50/60 Hz 35 kA 50 % conforming to IEC 60947-2 - 12...133 V AC 50/60 Hz 7500 A 50 % conforming to EN 60898-1 - 400 V AC 50/60 Hz 7500 A 50 % conforming to IEC 60898-1 - 400 V AC 50/60 Hz 20 kA 100 % conforming to EN 60947-2 - 72...125 V DC 20 kA 100 % conforming to IEC 60947-2 - 72...125 V DC

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Limitation class	3 conforming to EN 60898-1 3 conforming to IEC 60898-1
[Ui] rated insulation voltage	500 V AC 50/60 Hz conforming to EN 60947-2 500 V AC 50/60 Hz conforming to IEC 60947-2
[Uimp] rated impulse withstand voltage	6 kV conforming to EN 60947-2 6 kV conforming to IEC 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	4
Height	85 mm
Width	36 mm
Depth	78.5 mm
Net weight	0.25 kg
Colour	White
Mechanical durability	20000 cycles
Electrical durability	10000 cycles
Connections - terminals	Single terminal (top or bottom) 1…25 mm^2 rigid Single terminal (top or bottom) 1…16 mm^2 flexible
Wire stripping length	14 mm for top or bottom connection
Tightening torque	2 N.m top or bottom
Earth-leakage protection	Separate block

Environment

IP degree of protection	IP20 conforming to IEC 60529 IP20 conforming to EN 60529
Pollution degree	3 conforming to EN 60947-2 3 conforming to IEC 60947-2
Overvoltage category	IV
Tropicalisation	2 conforming to IEC 60068-1
Relative humidity	95 % at 55 °C
Operating altitude	0...2000 m
Ambient air temperature for operation	-35…70 °C
Ambient air temperature for storage	-40…85 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.500 cm
Package 1 Width	3.700 cm
Package 1 Length	9.500 cm

Package 1 Weight	223.000 g
Unit Type of Package 2	BB1
Number of Units in Package 2	6
Package 2 Height	8.000 cm
Package 2 Width	10.000 cm
Package 2 Length	22.500 cm
Package 2 Weight	1.384 kg
Unit Type of Package 3	S03
Number of Units in Package 3	66
Package 3 Height	30.000 cm
Package 3 Width	30.000 cm
Package 3 Length	40.000 cm
Package 3 Weight	15.800 kg

Logistical informations

Country of origin	FR

Contractual warranty

Warranty	18 months

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Environmental footprint

Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	28
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant
SCIP Number	26ff71d1-98cf-4280-8725-455b9a6b2fb9
REACh Regulation	REACh Declaration

Use Again

Repack and remanufacture

Circularity Profile	No need of specific recycling operations
Take-back	No
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins