

### Main

Device application	Motor
Range	Acti9
Product name	Acti9 iC60
Product or component type	Miniature circuit-breaker
Device short name	iC60L
Poles description	3P
Number of protected poles	3
[In] rated current	6.3 A
Network type	AC
Trip unit technology	Magnetic
Curve code	MA
Breaking capacity	15 KA Icu at 440 V AC 50/60 Hz conforming to EN/IEC 60947-2 20 KA Icu at 380...415 V AC 50/60 Hz conforming to EN/IEC 60947-2 40 kA Icu at 220...240 V AC 50/60 Hz 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 60947-2 Yes conforming to IEC 60947-2
Standards	IEC 60947-2 EN 60947-2

### Complementary

Network frequency	50/60 Hz
Magnetic tripping limit	12 x In +/- 20 %
[Ics] rated service breaking capacity	10 KA 50 % conforming to EN 60947-2 - 380...415 V AC 50/60 Hz 7.5 KA 50 % conforming to EN 60947-2 - 440 V AC 50/60 Hz 10 KA 50 % conforming to IEC 60947-2 - 380...415 V AC 50/60 Hz 7.5 KA 50 % conforming to IEC 60947-2 - 440 V AC 50/60 Hz 20 KA 50 % conforming to EN 60947-2 - 220...240 V AC 50/60 Hz 20 kA 50 % conforming to IEC 60947-2 - 220...240 V AC 50/60 Hz
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	6
Height	85 mm
Width	54 mm
Depth	78.5 mm
Net weight	0.375 kg

Colour	White
Mechanical durability	20000 cycles
Electrical durability	10000 cycles
Connections - terminals	Single terminal (top or bottom) 1...25 mm <sup>2</sup> rigid Single terminal (top or bottom) 1...16 mm <sup>2</sup> 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	7.5 cm
Package 1 Width	5.5 cm
Package 1 Length	9.5 cm
Package 1 Weight	329.0 g
Unit Type of Package 2	BB1
Number of Units in Package 2	4
Package 2 Height	8.0 cm
Package 2 Width	9.5 cm
Package 2 Length	22.5 cm
Package 2 Weight	1.38 kg
Unit Type of Package 3	S03
Number of Units in Package 3	44
Package 3 Height	30.0 cm
Package 3 Width	30.0 cm
Package 3 Length	40.0 cm
Package 3 Weight	15.68 kg

## Offer Sustainability

SCIP Number	26ff71d1-98cf-4280-8725-455b9a6b2fb9
REACH Regulation	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
Sustainable packaging	Yes
RoHS exemption information	 Yes
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
Environmental Disclosure	 <a href="#">Product Environmental Profile</a>
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
Take-back	No
Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	18

## Contractual warranty

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Warranty	18 months
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