

# Product datasheet

Specifications



## Miniature circuit breaker (MCB), Acti9 iC60L, 2P, 25A, K curve, 15000A (IEC/EN 60898-1), 25kA (IEC/EN 60947-2)

A9F95225

### 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	25 A
Network type	DC AC
Trip unit technology	Thermal-magnetic
Curve code	K
Breaking capacity	15000 A Icn at 400 V AC 50/60 Hz conforming to EN/IEC 60898-1 50 kA Icu at 220...240 V AC 50/60 Hz conforming to EN/IEC 60947-2 70 kA Icu at 12...60 V AC 50/60 Hz conforming to EN/IEC 60947-2 70 kA Icu at 100...133 V AC 50/60 Hz conforming to EN/IEC 60947-2 20 kA Icu at <= 125 V DC 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
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
<b>Complementary</b>	
Network frequency	50/60 Hz
Magnetic tripping limit	12 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 20 kA 100 % conforming to EN 60947-2 - 72...125 V DC 20 kA 100 % conforming to IEC 60947-2 - 72...125 V DC
Limitation class	3 conforming to EN 60898-1

3 conforming to IEC 60898-1

<b>[Ui] rated insulation voltage</b>	500 V AC 50/60 Hz conforming to EN 60947-2 500 V AC 50/60 Hz conforming to IEC 60947-2
<b>[Uimp] rated impulse withstand voltage</b>	6 kV conforming to EN 60947-2 6 kV conforming to IEC 60947-2
<b>Contact position indicator</b>	Yes
<b>Control type</b>	Toggle
<b>Local signalling</b>	Trip indicator
<b>Mounting mode</b>	Fixed
<b>Mounting support</b>	DIN rail
<b>Comb busbar and distribution block compatibility</b>	Top or bottom: YES
<b>9 mm pitches</b>	4
<b>Height</b>	85 mm
<b>Width</b>	36 mm
<b>Depth</b>	78.5 mm
<b>Product weight</b>	0.25 kg
<b>Colour</b>	White
<b>Mechanical durability</b>	20000 cycles
<b>Electrical durability</b>	10000 cycles
<b>Connections - terminals</b>	Single terminal (top or bottom) 1...25 mm <sup>2</sup> rigid Single terminal (top or bottom) 1...16 mm <sup>2</sup> flexible
<b>Wire stripping length</b>	14 mm for top or bottom connection
<b>Tightening torque</b>	2 N.m top or bottom
<b>Earth-leakage protection</b>	Separate block

## Environment

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

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	7.4 cm
<b>Package 1 Width</b>	3.6 cm
<b>Package 1 Length</b>	9.4 cm
<b>Package 1 Weight</b>	231.0 g
<b>Unit Type of Package 2</b>	BB1

<b>Number of Units in Package 2</b>	6
<b>Package 2 Height</b>	8.1 cm
<b>Package 2 Width</b>	10.0 cm
<b>Package 2 Length</b>	22.4 cm
<b>Package 2 Weight</b>	1.447 kg
<b>Unit Type of Package 3</b>	S03
<b>Number of Units in Package 3</b>	66
<b>Package 3 Height</b>	30.0 cm
<b>Package 3 Width</b>	30.0 cm
<b>Package 3 Length</b>	40.0 cm
<b>Package 3 Weight</b>	16.406 kg

## Offer Sustainability

<b>Sustainable offer status</b>	Green Premium product
<b>REACH Regulation</b>	<a href="#">REACH Declaration</a>
<b>EU RoHS Directive</b>	Compliant <a href="#">EU RoHS Declaration</a>
<b>Mercury free</b>	Yes
<b>China RoHS Regulation</b>	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
<b>RoHS exemption information</b>	Yes
<b>Environmental Disclosure</b>	<a href="#">Product Environmental Profile</a>
<b>WEEE</b>	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
<b>Halogen content performance</b>	Halogen free product

## Contractual warranty

<b>Warranty</b>	18 months
-----------------	-----------

## Recommended replacement(s)