

# A9F93440

Miniature circuit-breaker, Acti9 iC60L, 4P, 40 A, B curve, 15000 A (IEC 60898-1), 20 kA (IEC 60947-2)



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## Main

Device application	Distribution
Range	Acti 9
Product name	Acti9 iC60
Product or component type	Miniature circuit-breaker
Device short name	IC60L
Poles description	4P
Number of protected poles	4
[In] rated current	40 A
Network type	AC DC
Trip unit technology	Thermal-magnetic
Curve code	B
Breaking capacity	15000 A Icn at 400 V AC 50/60 Hz conforming to EN/IEC 60898-1 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 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 36 KA Icu at 220...240 V AC 50/60 Hz conforming to EN/IEC 60947-2 20 KA Icu at <= 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	EN 60947-2 EN 60898-1 IEC 60898-1 IEC 60947-2

## Complementary

Network frequency	50/60 Hz
Magnetic tripping limit	4 x In +/- 20 %
[Ics] rated service breaking capacity	18 KA 50 % conforming to EN 60947-2 - 220...240 V AC 50/60 Hz 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 18 KA 50 % conforming to IEC 60947-2 - 220...240 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 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 - 180...250 V DC 20 KA 100 % conforming to IEC 60947-2 - 180...250 V DC
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	8
Height	85 Mm
Width	72 Mm
Depth	78.5 Mm
Net weight	0.5 Kg

Colour	White
Mechanical durability	20000 Cycles
Electrical durability	10000 Cycles
Connections - terminals	Single terminal (top or bottom) 1...35 mm <sup>2</sup> rigid Single terminal (top or bottom) 1...25 mm <sup>2</sup> flexible
Wire stripping length	14 Mm for top or bottom connection
Tightening torque	3.5 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 Weight	517 G
Package 1 Height	7 Cm
Package 1 width	7.5 Cm
Package 1 Length	9.5 Cm
Unit Type of Package 2	BB1
Number of Units in Package 2	3
Package 2 Weight	1.608 Kg
Package 2 Height	10 Cm
Package 2 width	8 Cm
Package 2 Length	23 Cm
Unit Type of Package 3	S03
Number of Units in Package 3	33
Package 3 Weight	18.238 Kg
Package 3 Height	30 Cm
Package 3 width	30 Cm
Package 3 Length	40 Cm

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH free of SVHC	Yes
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
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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Product Life Status :	Commercialised
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