

# A9F73202

Miniature circuit breaker (MCB), Acti9 iC60N,  
2P, 2A, B curve, 6000A (IEC/EN 60898-1),  
50kA (IEC/EN 60947-2)

## Main

Device application	Distribution
Range	Acti9
Product name	Acti9 iC60
Product or component type	Miniature circuit-breaker
Device short name	IC60N
Poles description	2P
Number of protected poles	2
[In] rated current	2 A
Network type	DC AC
Trip unit technology	Thermal-magnetic
Curve code	B
Breaking capacity	6000 A Icn at 400 V AC 50/60 Hz conforming to EN/ IEC 60898-1 50 KA Icu at 12...133 V AC 50/60 Hz conforming to EN/IEC 60947-2 50 KA Icu at 220...240 V AC 50/60 Hz conforming to EN/IEC 60947-2 50 KA Icu at 380...415 V AC 50/60 Hz conforming to EN/IEC 60947-2 25 KA Icu at 440 V AC 50/60 Hz conforming to EN/ IEC 60947-2 10 kA Icu at <= 125 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 60898-1 IEC 60898-1 EN 60947-2 IEC 60947-2

## Complementary

Network frequency	50/60 Hz
Magnetic tripping limit	4 x In +/- 20 %
[Ics] rated service breaking capacity	50 KA 100 % conforming to EN 60947-2 - 220...240 V AC 50/60 Hz 50 KA 100 % conforming to IEC 60947-2 - 220...240 V AC 50/60 Hz 50 KA 100 % conforming to EN 60947-2 - 380...415 V AC 50/60 Hz 25 KA 100 % conforming to EN 60947-2 - 440 V AC 50/60 Hz 50 KA 100 % conforming to IEC 60947-2 - 380...415 V AC 50/60 Hz 25 KA 100 % conforming to IEC 60947-2 - 440 V AC 50/60 Hz 50 KA 100 % conforming to IEC 60947-2 - 12...133 V AC 50/60 Hz 50 KA 100 % conforming to EN 60947-2 - 12...133 V AC 50/60 Hz 6000 A 100 % conforming to EN 60898-1 - 400 V AC 50/60 Hz 6000 A 100 % conforming to IEC 60898-1 - 400 V AC 50/60 Hz 10 KA 100 % conforming to IEC 60947-2 - 72...125 V DC 10 kA 100 % conforming to EN 60947-2 - 72...125 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

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[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 <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	7.500 cm
Package 1 Width	3.500 cm
Package 1 Length	9.500 cm
Package 1 Weight	222.000 g
Unit Type of Package 2	BB1
Number of Units in Package 2	6
Package 2 Height	8.200 cm
Package 2 Width	10.000 cm
Package 2 Length	22.500 cm
Package 2 Weight	1.390 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	15.782 kg

## Offer Sustainability

Packaging without single use plastic	Yes
Packaging made with recycled cardboard	Yes
SCIP Number	26ff71d1-98cf-4280-8725-455b9a6b2fb9
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
Sustainable packaging	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>
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)	23

## Contractual warranty

Warranty	18 months
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