



Main

Range	Acti9
Product name	Acti9 iC60
Product or component type	Miniature circuit-breaker
Device short name	IC60N
Device application	Distribution
Poles description	3P
Number of protected poles	3
[In] rated current	16 A
Network type	DC AC
Trip unit technology	Thermal-magnetic
Curve code	C
Utilisation category	Category A conforming to EN/IEC 60947-2
Suitability for isolation	Yes conforming to EN/IEC 60898-1 Yes conforming to EN/IEC 60947-2
Standards	EN/IEC 60947-2 EN/IEC 60898-1

Complementary

Network frequency	50/60 Hz
[Ue] rated operational voltage	12...133 V AC 50/60 Hz 220...240 V AC 50/60 Hz 380...415 V AC 50/60 Hz 440 V AC 50/60 Hz <= 180 V DC
Magnetic tripping limit	8 x In +/- 20 %
Breaking capacity	36 KA Icu at 12...133 V AC 50/60 Hz conforming to EN/IEC 60947-2 20 KA Icu at 220...240 V AC 50/60 Hz conforming to EN/IEC 60947-2 10 KA Icu at 380...415 V AC 50/60 Hz conforming to EN/IEC 60947-2 6 KA Icu at 440 V AC 50/60 Hz conforming to EN/IEC 60947-2 10 KA Icu at <= 180 V DC conforming to EN/IEC 60947-2 6000 A Icn at 400 V AC 50/60 Hz conforming to EN/IEC 60898-1
Limitation class	3 conforming to EN/IEC 60898-1
[Ui] rated insulation voltage	500 V AC 50/60 Hz conforming to EN/IEC 60947-2
[Uimp] rated impulse withstand voltage	6 KV conforming to EN/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

Connection pitch	18 Mm between phases
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 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

Pollution degree	3 conforming to EN/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	5.500 Cm
Package 1 Length	9.500 Cm
Package 1 Weight	325.000 G
Unit Type of Package 2	BB1
Number of Units in Package 2	4
Package 2 Height	8.000 Cm
Package 2 Width	9.500 Cm
Package 2 Length	22.500 Cm
Package 2 Weight	1.357 Kg
Unit Type of Package 3	S03
Number of Units in Package 3	44
Package 3 Height	30.000 Cm
Package 3 Width	30.000 Cm
Package 3 Length	40.000 Cm
Package 3 Weight	15.414 Kg

Offer Sustainability

Recyclability potential, in %	54
Total lifecycle Carbon footprint	42 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	2.282014774872994
Carbon footprint of the manufacturing phase [A1 to A3]	2 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.045846174800202595
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.030400938545581912
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	38.778000000000006
Carbon footprint of the use phase [B2, B3, B4, B6]	39 kg CO2 eq.
Toxic heavy metal free	Yes

Mercury free	Yes
Sustainable packaging	No
Carbon footprint of the end-of-life phase [C1 to C4]	0.9611281197883905
Carbon footprint of the end-of-life phase [C1 to C4]	1 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	42
Packaging made with recycled cardboard	No
Packaging without single use plastic	Yes
SCIP Number	26ff71d1-98cf-4280-8725-455b9a6b2fb9
REACH Regulation	Reference contains Substances of Very High Concern above the threshold ↗
EU RoHS Directive	Compliant ↗
End of life manual availability	No need of specific recycling operations
Take-back	Nej
WEEE Label	The product must be disposed on European Union markets following specific waste collection a

Contractual warranty

Warranty (in months)	18
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Product Life Status :	Commercialised
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