



## Main

Range	Acti9
Product name	Acti9 iC40
Product or component type	Miniature circuit-breaker
Device short name	IC40N
Device application	Distribution
Poles description	1P + N
Number of protected poles	1
Neutral position	Left
[In] rated current	40 A
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	D
Breaking capacity	10 kA I <sub>cu</sub> at 230 V AC 50/60 Hz conforming to EN/IEC 60947-2 6000 A I <sub>cn</sub> at 230 V AC 50/60 Hz conforming to EN/IEC 60898-1
Suitability for isolation	Yes conforming to EN/IEC 60947-2
Quality labels	AENOR OVE

## Complementary

Network frequency	50/60 Hz
[U <sub>e</sub> ] rated operational voltage	230 V AC 50/60 Hz
Magnetic tripping limit	10...14 x I <sub>n</sub> conforming to EN/IEC 60898-1 12 x I <sub>n</sub> +/- 20 % conforming to EN/IEC 60947-2
[I <sub>cs</sub> ] rated service breaking capacity	6000 A 100 % x I <sub>cn</sub> at 230 V AC 50/60 Hz conforming to EN/IEC 60898-1 5 kA 50 % x I <sub>cn</sub> at 230 V AC 50/60 Hz conforming to EN/IEC 60947-2
[U <sub>i</sub> ] rated insulation voltage	400 V AC 50/60 Hz conforming to EN/IEC 60947-2
[U <sub>imp</sub> ] rated impulse withstand voltage	4 kV conforming to EN/IEC 60947-2
Contact position indicator	Yes

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Control type	Toggle
Local signalling	ON/OFF indication Trip indicator
Mounting mode	Clip-on
Mounting support	DIN rail
9 mm pitches	2
Height	85 mm
Width	18 mm
Depth	74 mm
Net weight	120 g
Colour	White
Mechanical durability	20000 cycles
Electrical durability	10000 cycles
Locking options description	Padlocking device
Connections - terminals	Tunnel type terminals top or bottom1...10 mm <sup>2</sup> flexible Tunnel type terminals top or bottom1...16 mm <sup>2</sup> rigid
Wire stripping length	14 mm for top or bottom connection
Tightening torque	2 N.m top or bottom
Earth-leakage protection	Separate block

## Environment

Standards	EN/IEC 60898-1 EN/IEC 60947-2
Product certifications	CE BV RINA DNV
IP degree of protection	IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529
Pollution degree	3 conforming to EN/IEC 60947-2
Relative humidity	95 % at 55 °C
Operating altitude	2000 m
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...85 °C

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
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