Product data sheet

Specifications

Miniature circuit breaker (MCB), Acti9 iC40N, 3P+N, 16A, D curve, 6000A (IEC/EN 60898-1), 10kA (IEC/EN 60947-2)

A9P64716

Main

Range	Acti9
Product Name	Acti9 iC40
Product Or Component Type	Miniature circuit-breaker
Device Short Name	iC40N
Device Application	Distribution
Poles Description	3P + N
Number Of Protected Poles	3
Neutral Position	Left
[In] Rated Current	16 A
Network Type	AC
Trip Unit Technology	Thermal-magnetic
Curve Code	D
Breaking Capacity	10 kA Icu at 400 V AC 50/60 Hz conforming to EN/IEC 60947-2 6000 A Icn at 400 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
[Ue] Rated Operational Voltage	400 V AC 50/60 Hz
Magnetic Tripping Limit	10...14 x In conforming to EN/IEC 60898-1 12 x In +/- 20 % conforming to EN/IEC 60947-2
[Ics] Rated Service Breaking Capacity	6000 A 100 % x Icn at 400 V AC 50/60 Hz conforming to EN/IEC 60898-1 7.5 kA 75 % x Icn at 400 V AC 50/60 Hz conforming to EN/IEC 60947-2
[Ui] Rated Insulation Voltage	440 V AC 50/60 Hz conforming to EN/IEC 60947-2
[Uimp] Rated Impulse Withstand Voltage	4 kV conforming to EN/IEC 60947-2
Contact Position Indicator	Yes
Control Type	Toggle
Local Signalling	ON/OFF indication Trip indicator
Mounting Mode	Clip-on
Mounting Support	DIN rail

9 Mm Pitches	6
Height	85 mm
Width	54 mm
Depth	74 mm
Net Weight	345 g
Colour	White
Mechanical Durability	20000 cycles
Electrical Durability	20000 cycles
Locking Options Description	Padlocking device
Connections - Terminals	Tunnel type terminals top or bottom 1…10 mm² flexible Tunnel type terminals top or bottom 1…16 mm² 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

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	7.4 cm
Package 1 Width	5.4 cm
Package 1 Length	9.4 cm
Package 1 Weight	328.0 g
Unit Type Of Package 2	BB1
Number Of Units In Package 2	4
Package 2 Height	8.2 cm
Package 2 Width	9.4 cm
Package 2 Length	22.7 cm
Package 2 Weight	1.364 kg
Unit Type Of Package 3	S03

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Number Of Units In Package 3	44
Package 3 Height	30.0 cm
Package 3 Width	30.0 cm
Package 3 Length	40.0 cm
Package 3 Weight	15.445 kg

Sustainability

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Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Transparency   RoHS/REACh

Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information   Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	No need of specific recycling operations