Product data sheet

Specifications

Residual current breaker with overcurrent protection (RCBO), Acti9 iCV40N, 3P+N, 10A, B curve, 6000A, AC type, 30mA

A9DH3710

Main

Range	Acti9
Product Name	Acti9 iCV40
Product Or Component Type	Residual current breaker with overcurrent protection (RCBO)
Device Short Name	iCV40N
Device Application	Distribution
Poles Description	3P + N
Number Of Protected Poles	3
Neutral Position	Left
[In] Rated Current	10 A
Network Type	AC
Trip Unit Technology	Thermal-magnetic
Curve Code	B
Earth-Leakage Sensitivity	30 mA
Earth-Leakage Protection Time Delay	Instantaneous
Earth-Leakage Protection Class	Type AC
Breaking Capacity	6000 A Icn at 400 V AC 50/60 Hz conforming to EN/IEC 61009-2-1
Suitability For Isolation	Yes conforming to EN/IEC 60947-2
Quality Labels	EAC VDE

Complementary

Complementary	Outgoer
Network Frequency	50/60 Hz
[Ue] Rated Operational Voltage	400 V AC 50/60 Hz
Magnetic Tripping Limit	3...5 x In
Residual Current Tripping Technology	Voltage independent
[Ics] Rated Service Breaking Capacity	6000 A 100 % x Icn at 400 V AC 50/60 Hz conforming to EN/IEC 61009-2-1
Rated Breaking And Making Capacity	Idm 3000 A at 400 V AC 50/60 Hz conforming to EN 61009-2-1 Idm 500 A at 400 V AC 50/60 Hz conforming to IEC 61009-2-1
Limitation Class	3 conforming to EN/IEC 61009-2-1
[Ui] Rated Insulation Voltage	440 V AC 50/60 Hz
[Uimp] Rated Impulse Withstand Voltage	4 kV

Contact Position Indicator	Yes
Control Type	Toggle
Local Signalling	Fault indication ON/OFF indication
Mounting Mode	Clip-on
Mounting Support	DIN rail
Comb Busbar And Distribution Block Compatibility	Top or bottom: tooth
Connection Pitch	18 mm between phases 9 mm between phase and neutral
9 Mm Pitches	10
Height	93 mm
Width	90 mm
Depth	73 mm
Net Weight	500 g
Colour	White
Mechanical Durability	20000 cycles
Electrical Durability	20000 cycles
Locking Options Description	Padlocking device Sealable
Connections - Terminals	Tunnel type terminals top or bottom 1…16 mm² rigid Tunnel type terminals top or bottom 1…10 mm² flexible
Wire Stripping Length	14 mm for top or bottom connection
Tightening Torque	2 N.m top or bottom
Earth-Leakage Protection	Integrated

Environment

Standards	EN/IEC 61009-2-1
Product Certifications	CE
Ip Degree Of Protection	IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529
Pollution Degree	3
Overvoltage Category	III conforming to IEC 60364
Electromagnetic Compatibility	8/20 µs impulse withstand, 250 A conforming to EN/IEC 61009-1
Relative Humidity	95 % at 55 °C
Operating Altitude	2000 m
Ambient Air Temperature For Operation	-5…60 °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	8.2 cm
Package 1 Width	10.2 cm

Package 1 Length	11.2 cm
Package 1 Weight	529.0 g
Unit Type Of Package 2	S03
Number Of Units In Package 2	16
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	8.464 kg

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

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
Halogen Free Plastic Parts & Cables Product	

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