

# Product datasheet

Specifications



residual current breaker with  
overcurrent protection (RCBO),  
Acti9 iCV40, 1P+N, 10 A, B Curve,  
6000 A, 30 mA, AC type

A9DH3610

EAN Code: 3606489443979

## 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	1P + N
Number of protected poles	1
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 230 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

## Complementary

Complementary	Outgoer
Network frequency	50/60 Hz
[Ue] rated operational voltage	230 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 230 V AC 50/60 Hz conforming to EN/IEC 61009-2-1
Rated breaking and making capacity	Idm 6000 A at 230 V AC 50/60 Hz conforming to EN 61009-2-1 Idm 500 A at 230 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	400 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	4 kV

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

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	9 mm between phase and neutral
9 mm pitches	4
Height	85 mm
Width	36 mm
Depth	73 mm
Net weight	210 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 61009-2-1
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	4.000 cm
Package 1 Width	10.000 cm
Package 1 Length	8.500 cm

Package 1 Weight	206.000 g
Unit Type of Package 2	BB1
Number of Units in Package 2	6
Package 2 Height	9.000 cm
Package 2 Width	10.500 cm
Package 2 Length	25.000 cm
Package 2 Weight	1.303 kg
Unit Type of Package 3	S03
Number of Units in Package 3	54
Package 3 Height	30.000 cm
Package 3 Width	30.000 cm
Package 3 Length	40.000 cm
Package 3 Weight	12.146 kg

## Logistical informations

Country of origin	ES
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## Contractual warranty

Warranty	18 months
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# Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

## Environmental footprint

Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	18
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Environmental Disclosure	<a href="#">Product Environmental Profile</a>
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## Use Better

### Materials and Substances

Packaging made with recycled cardboard	No
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Packaging without single use plastic	Yes
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EU RoHS Directive	Compliant with Exemptions
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SCIP Number	Ed70c451-eb98-4beb-bfa0-d83cf974f40d
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REACH Regulation	<a href="#">REACH Declaration</a>
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China RoHS Regulation	<a href="#">China RoHS declaration</a>
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## Use Again

### Repack and remanufacture

Circularity Profile	<a href="#">End of Life Information</a>
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WEEE



The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Take-back

No