

# Product datasheet

Specifications



residual current breaker with overcurrent protection (RCBO), Acti9 iCV40, 1P+N, 20 A, C Curve, 10000 A, 30 mA, A type

A9DC4620

EAN Code: 3606489444617

## Main

Range	Acti9
Product name	Acti9 iCV40
Product or component type	Residual current breaker with overcurrent protection (RCBO)
Device short name	iCV40H
Device application	Distribution
Poles description	1P + N
Number of protected poles	1
Neutral position	Left
[In] rated current	20 A
Network type	AC
Network frequency	50/60 Hz
Trip unit technology	Thermal-magnetic
Curve code	C
Earth-leakage sensitivity	30 mA
Suitability for isolation	Yes conforming to EN/IEC 60947-2
Quality labels	EAC KEMA-KEUR VDE OVE

## Complementary

Device location in system	Outgoer
[Ue] rated operational voltage	230 V AC 50/60 Hz
Magnetic tripping limit	5...10 x In
Residual current tripping technology	Voltage independent
Earth-leakage protection time delay	Instantaneous
Earth-leakage protection class	Type A
Breaking capacity	10000 A Icn at 230 V AC 50/60 Hz conforming to EN/IEC 61009-2-1
[Ics] rated service breaking capacity	7500 A 75 % x Icn at 230 V AC 50/60 Hz conforming to EN/IEC 61009-2-1
Rated breaking and making capacity	I <sub>dm</sub> 6000 A at 230 V AC 50/60 Hz conforming to EN 61009-2-1 I <sub>dm</sub> 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

<b>[Ui] rated insulation voltage</b>	400 V AC 50/60 Hz
<b>[Uimp] rated impulse withstand voltage</b>	4 kV
<b>Contact position indicator</b>	Yes
<b>control type</b>	Toggle
<b>Local signalling</b>	ON/OFF indication Fault indication
<b>Mounting mode</b>	Clip-on
<b>Mounting support</b>	DIN rail
<b>Comb busbar and distribution block compatibility</b>	Top or bottom: tooth
<b>Connection pitch</b>	9 mm between phase and neutral
<b>9 mm pitches</b>	4
<b>Height</b>	85 mm
<b>Width</b>	36 mm
<b>Depth</b>	73 mm
<b>Net weight</b>	210 g
<b>Colour</b>	White
<b>Mechanical durability</b>	20000 cycles
<b>Electrical durability</b>	20000 cycles
<b>Locking options description</b>	Padlocking device Sealable
<b>Connections - terminals</b>	Tunnel type terminals top or bottom 1...16 mm <sup>2</sup> rigid Tunnel type terminals top or bottom 1...10 mm <sup>2</sup> flexible
<b>Wire stripping length</b>	14 mm for top or bottom connection
<b>Tightening torque</b>	2 N.m top or bottom
<b>Earth-leakage protection</b>	Integrated

## Environment

<b>Standards</b>	EN/IEC 61009-2-1
<b>Product certifications</b>	CE
<b>IP degree of protection</b>	IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529
<b>Pollution degree</b>	3
<b>Overvoltage category</b>	III conforming to IEC 60364
<b>Electromagnetic compatibility</b>	8/20 μs impulse withstand, 250 A conforming to EN/IEC 61009-1
<b>Relative humidity</b>	95 % at 55 °C
<b>Operating altitude</b>	2000 m
<b>Ambient air temperature for operation</b>	-25...60 °C
<b>Ambient air temperature for storage</b>	-40...85 °C

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1

Package 1 Height	4.500 cm
Package 1 Width	8.000 cm
Package 1 Length	10.000 cm
Package 1 Weight	221.000 g
Unit Type of Package 2	S03
Number of Units in Package 2	54
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	12.351 kg
Unit Type of Package 3	P12
Number of Units in Package 3	432
Package 3 Height	45.000 cm
Package 3 Width	80.000 cm
Package 3 Length	120.000 cm
Package 3 Weight	110.808 kg

## Logistical informations

Country of origin	ES
-------------------	----

## Contractual warranty

Warranty	18 months
----------	-----------



## 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

Total lifecycle Carbon footprint 30

Environmental Disclosure [Product Environmental Profile](#)

### Use Better

#### Materials and Substances

Packaging made with recycled cardboard No

Packaging without single use plastic Yes

[EU RoHS Directive](#) Compliant with Exemptions

SCIP Number 53102031-f1ed-4dc4-9aa4-5fd743a372f1

REACH Regulation [REACH Declaration](#)

### Use Again

#### Repack and remanufacture

End of life manual availability [End of Life Information](#)

Take-back No

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