

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

A9DC3710

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	
Network frequency	50/60 Hz	
Trip unit technology	Thermal-magnetic	
Curve code	С	
Earth-leakage sensitivity	30 mA	
Suitability for isolation	Yes conforming to EN/IEC 60947-2	
Quality labels	VDE EAC	

Complementary

Device location in system	Outgoer
[Ue] rated operational voltage	400 V AC 50/60 Hz
Magnetic tripping limit	510 x ln
Residual current tripping technology	Voltage independent
Earth-leakage protection time delay	Instantaneous
Earth-leakage protection class	Type A
Breaking capacity	6000 A Icn at 400 V AC 50/60 Hz conforming to EN/IEC 61009-2-1
[lcs] 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	Sealable Padlocking device	
Connections - terminals	Tunnel type terminals top or bottom 116 mm² rigid Tunnel type terminals top or bottom 110 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	-2560 °C
Ambient air temperature for storage	-4085 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	9.000 cm
Package 1 Width	11.200 cm

Package 1 Length	12.500 cm
Package 1 Weight	554.000 g
Unit Type of Package 2	S03
Number of Units in Package 2	16
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	9.412 kg

Logistical informations

Country of origin



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	27	

Use Better

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant with Exemptions
SCIP Number	B078722f-7853-4e1e-a05b-29638f57b0ab
REACh Regulation	REACh Declaration

Use Again

○ Repack and remanufacture		
End of life manual availability	No need of specific recycling operations	
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	