

① To be discontinued

residual current breaker with overcurrent protection (RCBO), Acti9 iCV40, 1P+N, 16 A, C Curve, 6000 A, 30 mA, A-SI type

A9DF3616

! To be discontinued on: 4 Nov 2025

EAN Code: 3606489444396

Main

Range	Acti9		
Product name	Acti9 iCV40		
Product or component type	Residual current breaker with overcurrent protection (RCBO)		
Device short name	iCV40N		
Device application	lication Distribution		
Poles description	1P + N		
Number of protected poles	1		
Neutral position	Left		
[In] rated current	16 A		
Network type	AC		
Network frequency	50/60 Hz		
Trip unit technology	Thermal-magnetic		
Curve code	С		
Earth-leakage sensitivity	ivity 30 mA		
Suitability for isolation	ion Yes conforming to EN/IEC 60947-2		
Quality labels	KEMA-KEUR RCM EAC VDE		

Complementary

Device location in system	Outgoer	
[Ue] rated operational voltage	230 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-SI (Super Immunised)	
Breaking capacity	6000 A Icn at 230 V AC 50/60 Hz conforming to EN/IEC 61009-2-1	
[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	
Contact position indicator	Yes	
Control type	Toggle	
Local signalling	ON/OFF indication Fault 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	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, 3000 A conforming to EN/IEC 61009-2-1	
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	4.000 cm
Package 1 Width	8.200 cm
Package 1 Length	10.000 cm
Package 1 Weight	212.000 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	11.889 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	95.112 kg

Logistical informations

Country of origin

Contractual warranty

Warranty 18 months



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	Environmental footprint			
Total lifecycle Carbon footprint	26			
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	C2a63347-7a15-4eaa-acdb-227b8b7a3919	
REACh Regulation	REACh Declaration	

Use Again

7	Repack and remanufacture			
	Take-back		No	
	WEEE Label	A	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins	