

# Product data sheet

Specifications



Miniature circuit breaker (MCB),  
Acti9 iC40, 1P+N, 6A, B curve,  
4500A (IEC/EN 60898-1), 6kA (IEC/  
EN 60947-2)

A9P42606

## Main

Range	Acti9
Product Name	Acti9 iC40
Product Or Component Type	Miniature circuit-breaker
Device Short Name	iC40
Device Application	Distribution
Poles Description	1P + N
Number Of Protected Poles	1
Neutral Position	Left
[In] Rated Current	6 A
Network Type	AC
Trip Unit Technology	Thermal-magnetic
Curve Code	B
Breaking Capacity	6 kA Icu at 230 V AC 50/60 Hz conforming to EN/IEC 60947-2 4500 A Icn at 230 V AC 50/60 Hz conforming to EN/IEC 60898-1
Suitability For Isolation	Yes conforming to EN/IEC 60947-2
Quality Labels	KEMA IMQ

## Complementary

Network Frequency	50/60 Hz
[Ue] Rated Operational Voltage	230 V AC 50/60 Hz
Magnetic Tripping Limit	3...5 x In conforming to EN/IEC 60898-1 4 x In +/- 20 % conforming to EN/IEC 60947-2
[Ics] Rated Service Breaking Capacity	4500 A 100 % x Icn at 230 V AC 50/60 Hz conforming to EN/IEC 60898-1 4.5 kA 75 % x Icu at 230 V AC 50/60 Hz conforming to EN/IEC 60947-2
Limitation Class	3 conforming to EN/IEC 60898-1
[Ui] Rated Insulation Voltage	400 V AC 50/60 Hz conforming to EN/IEC 60947-2
[Uimp] Rated Impulse Withstand Voltage	4 kV conforming to EN/IEC 60947-2
Contact Position Indicator	Yes
Control Type	Toggle
Local Signalling	ON/OFF indication Trip indicator
Mounting Mode	Clip-on

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

Mounting Support	DIN rail
9 Mm Pitches	2
Height	85 mm
Width	18 mm
Depth	74 mm
Net Weight	120 g
Colour	White
Mechanical Durability	20000 cycles
Electrical Durability	20000 cycles
Locking Options Description	Padlocking device
Connections - Terminals	Tunnel type terminals top or bottom 1...10 mm² flexible Tunnel type terminals top or bottom 1...16 mm² rigid
Wire Stripping Length	14 mm for top or bottom connection
Tightening Torque	2 N.m top or bottom
Earth-Leakage Protection	Separate block

## Environment

Standards	EN/IEC 60898-1 EN/IEC 60947-2
Product Certifications	CE BV RINA DNV
Ip Degree Of Protection	IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529
Pollution Degree	3 conforming to EN/IEC 60947-2
Relative Humidity	95 % at 55 °C
Operating Altitude	2000 m
Ambient Air Temperature For Operation	-25...70 °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	7.400 cm
Package 1 Width	1.800 cm
Package 1 Length	9.400 cm
Package 1 Weight	115.000 g
Unit Type Of Package 2	BB1
Number Of Units In Package 2	12
Package 2 Height	8.000 cm
Package 2 Width	9.800 cm
Package 2 Length	22.500 cm
Package 2 Weight	1.445 kg

Unit Type Of Package 3	S03
Number Of Units In Package 3	132
Package 3 Height	30.000 cm
Package 3 Width	30.000 cm
Package 3 Length	40.000 cm
Package 3 Weight	16.492 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<sub>2</sub> 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 Product

## Certifications & Standards

Reach Regulation	<a href="#">REACH Declaration</a>
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
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