

# Bảng thông số sản phẩm

Thông số kỹ thuật



## Miniature circuit breaker (MCB), Acti9 iC60L, 1P, 40A, C curve, 15000A (IEC/EN 60898-1), 20kA (IEC/EN 60947-2)

A9F94140

### Main

Device application	Distribution
Range	Acti9
Product name	Acti9 iC60
Product or component type	Miniature circuit-breaker
Device short name	iC60L
Poles description	1P
Number of protected poles	1
[In] rated current	40 A
Network type	DC AC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	15000 A Icn at 230 V AC 50/60 Hz conforming to EN/IEC 60898-1 20 kA Icu at 220...240 V AC 50/60 Hz conforming to EN/IEC 60947-2 70 kA Icu at 12...60 V AC 50/60 Hz conforming to EN/IEC 60947-2 15 kA Icu at 72 V DC conforming to EN/IEC 60947-2 25 kA Icu at 12...48 V DC conforming to EN/IEC 60947-2
Utilisation category	Category A conforming to EN 60947-2 Category A conforming to IEC 60947-2
Suitability for isolation	Yes conforming to EN 60898-1 Yes conforming to EN 60947-2 Yes conforming to IEC 60898-1 Yes conforming to IEC 60947-2
Standards	EN 60898-1 EN 60947-2 IEC 60898-1 IEC 60947-2

### Complementary

Network frequency	50/60 Hz
Magnetic tripping limit	8 x In +/- 20 %
[Ics] rated service breaking capacity	35 kA 50 % conforming to EN 60947-2 - 12...60 V AC 50/60 Hz 10 kA 50 % conforming to EN 60947-2 - 220...240 V AC 50/60 Hz 35 kA 50 % conforming to IEC 60947-2 - 12...60 V AC 50/60 Hz 10 kA 50 % conforming to IEC 60947-2 - 220...240 V AC 50/60 Hz 18 kA 50 % conforming to EN 60947-2 - 100...133 V AC 50/60 Hz 18 kA 50 % conforming to IEC 60947-2 - 100...133 V AC 50/60 Hz 7500 A 50 % conforming to EN 60898-1 - 230 V AC 50/60 Hz 7500 A 50 % conforming to IEC 60898-1 - 230 V AC 50/60 Hz 20 kA 100 % conforming to EN 60947-2 - 72 V DC 20 kA 100 % conforming to IEC 60947-2 - 72 V DC 25 kA 100 % conforming to EN 60947-2 - 12...60 V DC 25 kA 100 % conforming to IEC 60947-2 - 12...60 V DC

<b>Limitation class</b>	3 conforming to EN 60898-1 3 conforming to IEC 60898-1
<b>[U<sub>i</sub>] rated insulation voltage</b>	500 V AC 50/60 Hz conforming to EN 60947-2 500 V AC 50/60 Hz conforming to IEC 60947-2
<b>[U<sub>imp</sub>] rated impulse withstand voltage</b>	6 kV conforming to EN 60947-2 6 kV conforming to IEC 60947-2
<b>Contact position indicator</b>	Yes
<b>Control type</b>	Toggle
<b>Local signalling</b>	Trip indicator
<b>Mounting mode</b>	Fixed
<b>Mounting support</b>	DIN rail
<b>Comb busbar and distribution block compatibility</b>	Top or bottom: YES
<b>9 mm pitches</b>	2
<b>Height</b>	85 mm
<b>Width</b>	18 mm
<b>Depth</b>	78.5 mm
<b>Net weight</b>	0.215 kg
<b>Colour</b>	White
<b>Mechanical durability</b>	20000 cycles
<b>Electrical durability</b>	10000 cycles
<b>Connections - terminals</b>	Single terminal (top or bottom) 1...35 mm <sup>2</sup> rigid Single terminal (top or bottom) 1...25 mm <sup>2</sup> flexible
<b>Wire stripping length</b>	14 mm for top or bottom connection
<b>Tightening torque</b>	3.5 N.m top or bottom
<b>Earth-leakage protection</b>	Without

## Environment

<b>IP degree of protection</b>	IP20 conforming to IEC 60529 IP20 conforming to EN 60529
<b>Pollution degree</b>	3 conforming to EN 60947-2 3 conforming to IEC 60947-2
<b>Overvoltage category</b>	IV
<b>Tropicalisation</b>	2 conforming to IEC 60068-1
<b>Relative humidity</b>	95 % at 55 °C
<b>Operating altitude</b>	0...2000 m
<b>Ambient air temperature for operation</b>	-35...70 °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
<b>Package 1 Height</b>	7.500 cm
<b>Package 1 Width</b>	1.800 cm
<b>Package 1 Length</b>	9.400 cm

Package 1 Weight	125.000 g
Unit Type of Package 2	BB1
Number of Units in Package 2	12
Package 2 Height	2.930 cm
Package 2 Width	30.000 cm
Package 2 Length	20.000 cm
Package 2 Weight	1.553 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	17.564 kg

## Contractual warranty

Warranty	18 months
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## Environmental Data

Schneider Electric nhắm đến việc đạt được vị trí Net Zero vào năm 2050 thông qua các quan hệ đối tác chuỗi cung ứng, giảm vật liệu tác động và sự tuần hoàn thông qua chiến dịch "Use Better, Use Longer, Use Again" đang diễn ra của chúng tôi để kéo dài tuổi thọ sản phẩm và khả năng tái chế.

[Dữ liệu môi trường đã giải thích >](#)

[Cách chúng tôi đánh giá tính bền vững của sản phẩm >](#)

### Ảnh hưởng môi trường

Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	21
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Environmental Disclosure	<a href="#">Product Environmental Profile</a>
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## Use Better

### Vật liệu và Bao bì

Packaging made with recycled cardboard	Yes
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Packaging without single use plastic	Yes
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<a href="#">EU RoHS Directive</a>	Compliant
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SCIP Number	26ff71d1-98cf-4280-8725-455b9a6b2fb9
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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

### Đóng gói lại và tái sản xuất

Circularity Profile	No need of specific recycling operations
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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

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Take-back

No

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