

# Product datasheet

Specifications



Miniature circuit breaker (MCB),  
Acti9 iC60H Disbo, 4P, 50A, C  
curve, 10000A (IEC/EN 60898-1),  
15kA (IEC/EN 60947-2)

A9F54450

## Main

Range	Acti9
Product Name	Disbo iC60
Product Or Component Type	Miniature circuit-breaker
Device Short Name	iC60H
Poles Description	4P
Number Of Protected Poles	4
[In] Rated Current	50 A
Network Type	AC/DC
Trip Unit Technology	Thermal-magnetic
Curve Code	C
Breaking Capacity	15 kA Icu at <= 250 V DC conforming to EN/IEC 60947-2 10000 A Icn at 415 V AC 50/60 Hz conforming to EN/IEC 60898-1 42 kA Icu at 12...133 V AC 50/60 Hz conforming to EN/IEC 60947-2 30 kA Icu at 220...240 V AC 50/60 Hz conforming to EN/IEC 60947-2 15 kA Icu at 380...415 V AC 50/60 Hz conforming to EN/IEC 60947-2 10 kA Icu at 440 V AC 50/60 Hz conforming to EN/IEC 60947-2
Utilisation Category	Category A conforming to EN/IEC 60947-2

## Complementary

Network Frequency	50/60 Hz
Magnetic Tripping Limit	8 x In +/- 20 %
[Ics] Rated Service Breaking Capacity	21 kA 50 % conforming to EN/IEC 60947-2 - 12...133 V AC 50/60 Hz 15 kA 50 % conforming to EN/IEC 60947-2 - 220...240 V AC 50/60 Hz 7.5 kA 50 % conforming to EN/IEC 60947-2 - 380...415 V AC 50/60 Hz 5 kA 50 % conforming to EN/IEC 60947-2 - 440 V AC 50/60 Hz 7500 A 75 % conforming to EN/IEC 60898-1 - 415 V AC 50/60 Hz 10 kA 100 % conforming to EN/IEC 60947-2 - 100...133 V DC
Limitation Class	3 conforming to EN/IEC 60947-2
[Ui] Rated Insulation Voltage	500 V AC 50/60 Hz conforming to EN/IEC 60947-2
[Uimp] Rated Impulse Withstand Voltage	6 kV conforming to EN/IEC 60947-2
Contact Position Indicator	Yes
Control Type	Toggle
Local Signalling	Trip indicator
Mounting Mode	Clip-on
Mounting Support	Rail
9 Mm Pitches	8

Height	85 mm
Width	72 mm
Depth	78.5 mm
Net Weight	0.5 kg
Colour	White
Mechanical Durability	20000 cycles
Electrical Durability	10000 cycles
Provision For Padlocking	Padlockable
Connections - Terminals	Single terminal (top or bottom) 1...35 mm <sup>2</sup> rigid Single terminal (top or bottom) 1...25 mm <sup>2</sup> flexible
Wire Stripping Length	14 mm for top or bottom connection
Tightening Torque	3.5 N.m top or bottom
Earth-Leakage Protection	Separate block

## Environment

Standards	EN/IEC 60947-2 EN/IEC 60898-1
Ip Degree Of Protection	IP20 conforming to IEC 60529
Pollution Degree	3 conforming to EN/IEC 60947-2
Tropicalisation	2 conforming to IEC 60068-1
Relative Humidity	95 % at 55 °C
Ambient Air Temperature For Operation	-35...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	7.2 cm
Package 1 Width	7.5 cm
Package 1 Length	9.0 cm
Package 1 Weight	538.0 g
Unit Type Of Package 2	BB1
Number Of Units In Package 2	3
Package 2 Height	8.5 cm
Package 2 Width	9.8 cm
Package 2 Length	22.0 cm
Package 2 Weight	1.672 kg
Unit Type Of Package 3	S03
Number Of Units In Package 3	33
Package 3 Height	30.0 cm
Package 3 Width	30.0 cm
Package 3 Length	40.0 cm

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Package 3 Weight

18.922 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

<b>Reach Regulation</b>	<a href="#">REACH Declaration</a>
<b>Eu Rohs Directive</b>	Compliant with Exemptions
<b>China Rohs Regulation</b>	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
<b>Environmental Disclosure</b>	<a href="#">Product Environmental Profile</a>
<b>Weee</b>	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
<b>Circularity Profile</b>	No need of specific recycling operations