

Product datasheet

Specifications



Miniature circuit breaker (MCB),
Acti9, iC60H Disbo, 3P, 20A, C
curve, 10000A (IEC/EN 60898-1),
15kA (IEC/EN 60947-2)

A9F54320

Main

Range	Acti9
Product name	Disbo iC60
product or component type	Miniature circuit-breaker
Device short name	iC60H
poles description	3P
Number of protected poles	3
[In] rated current	20 A
Network type	AC/DC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	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 15 kA Icu at <= 180 V DC 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 20 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	6

Height	85 mm
Width	54 mm
Depth	78.5 mm
net weight	0.375 kg
Colour	White
Mechanical durability	20000 cycles
Electrical durability	10000 cycles
Provision for padlocking	Padlockable
Connections - terminals	Single terminal (top or bottom) 1...25 mm ² rigid Single terminal (top or bottom) 1...16 mm ² flexible
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 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	5.4 cm
Package 1 Width	7.5 cm
Package 1 Length	9.0 cm
Package 1 Weight	338.0 g
Unit Type of Package 2	BB1
Number of Units in Package 2	4
Package 2 Height	8.0 cm
Package 2 Width	9.8 cm
Package 2 Length	22.0 cm
Package 2 Weight	1.406 kg
Unit Type of Package 3	S03
Number of Units in Package 3	44
Package 3 Height	30.0 cm
Package 3 Width	30.0 cm
Package 3 Length	40.0 cm

Package 3 Weight

15.974 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-CO₂ 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

Toxic Heavy Metal Free

Mercury Free

Rohs Exemption Information Yes

Halogen Free Product

Certifications & Standards

Reach Regulation

[REACH Declaration](#)

Eu Rohs Directive

Compliant

[EU RoHS Declaration](#)

China Rohs Regulation

[China RoHS declaration](#)

Pro-active China RoHS declaration (out of China RoHS legal scope)

Environmental Disclosure

[Product Environmental Profile](#)

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