

Product datasheet

Specifications



Acti9 iC60N 2P 2A D Miniature Circuit Breaker

Local distributor code:
408886347

A9F45202

EAN Code: 3606480513787

Main

Range	Acti9
Product name	Disbo iC60
Product or component type	Miniature circuit-breaker
Device short name	IC60N
Poles description	2P
Number of protected poles	2
[In] rated current	2 A
Network type	AC/DC
Trip unit technology	Thermal-magnetic
Curve code	D
Breaking capacity	50 kA Icu at 12...133 V AC 50/60 Hz conforming to EN/IEC 60947-2 50 kA Icu at 220...240 V AC 50/60 Hz conforming to EN/IEC 60947-2 50 kA Icu at 380...415 V AC 50/60 Hz conforming to EN/IEC 60947-2 25 kA Icu at 440 V AC 50/60 Hz conforming to EN/IEC 60947-2 10 kA Icu at <= 125 V DC conforming to EN/IEC 60947-2 6000 A Icn at 415 V AC 50/60 Hz conforming to EN/IEC 60898-1
Utilisation category	Category A conforming to EN/IEC 60947-2

Complementary

Network frequency	50/60 Hz
[Ue] rated operational voltage	12...133 V AC 50/60 Hz 220...240 V AC 50/60 Hz 380...415 V AC 50/60 Hz 440 V AC 50/60 Hz <= 125 V DC
Magnetic tripping limit	12 x In +/- 20 %
[Ics] rated service breaking capacity	50 kA 100 % conforming to EN/IEC 60947-2 - 12...133 V AC 50/60 Hz 50 kA 100 % conforming to EN/IEC 60947-2 - 220...240 V AC 50/60 Hz 50 kA 100 % conforming to EN/IEC 60947-2 - 380...415 V AC 50/60 Hz 25 kA 100 % conforming to EN/IEC 60947-2 - 440 V AC 50/60 Hz 10 kA 100 % conforming to EN/IEC 60947-2 - <= 125 V DC
Limitation class	3 conforming to EN/IEC 60898-1
[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	4
Height	85 mm
Width	36 mm
Depth	78.5 mm
Net weight	0.25 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 60898-1 EN/IEC 60947-2
IP degree of protection	IP20 conforming to IEC 60529
Pollution degree	3 conforming to EN/IEC 60947-2
Overvoltage category	IV
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	3.5 cm
Package 1 Width	7.0 cm
Package 1 Length	9.5 cm
Package 1 Weight	220.0 g
Unit Type of Package 2	BB1
Number of Units in Package 2	6
Package 2 Height	8.0 cm
Package 2 Width	10.0 cm
Package 2 Length	22.0 cm
Package 2 Weight	1.386 kg
Unit Type of Package 3	S03

Number of Units in Package 3	66
Package 3 Height	30.0 cm
Package 3 Width	30.0 cm
Package 3 Length	40.0 cm
Package 3 Weight	15.826 kg

Logistical informations

Country of origin	BG
--------------------------	----

Contractual warranty

Warranty (in months)	18
-----------------------------	----



Environmental Data

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

Total lifecycle Carbon footprint 23

Environmental Disclosure [Product Environmental Profile](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard Yes

Packaging without single use plastic Yes

[EU RoHS Directive](#) Compliant

SCIP Number 26ff71d1-98cf-4280-8725-455b9a6b2fb9

REACH Regulation [REACH Declaration](#)

Use Again

Repack and remanufacture

End of life manual availability No need of specific recycling operations

Take-back No

WEEE Label  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins