Product datasheet

Specifications





Miniature circuit breaker (MCB), Acti9 iC60N Disbo, 1P, 6A, C curve, 6000A (IEC/EN 60898-1), 10kA (IEC/EN 60947-2)

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① Discontinued

Main

mann	
Range	Acti9
Product name	Disbo iC60
Product or component type	Miniature circuit-breaker
Device short name	IC60N
poles description	1P
Number of protected poles	1
[In] rated current	6 A
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	15 kA lcu at 1260 V DC conforming to EN/IEC 60947-2 10 kA lcu at 6072 V DC conforming to EN/IEC 60947-2 6000 A lcn at 240 V AC 50/60 Hz conforming to EN/IEC 60898-1 36 kA lcu at 1060 V AC 50/60 Hz conforming to EN/IEC 60947-2 20 kA lcu at 100133 V AC 50/60 Hz conforming to EN/IEC 60947-2 10 kA lcu at 220240 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
[Ue] rated operational voltage	240 V AC 50/60 Hz
Magnetic tripping limit	8 x ln +/- 20 %
[Ics] rated service breaking capacity	27 kA 75 % conforming to EN/IEC 60947-2 - 1060 V AC 50/60 Hz 15 kA 75 % conforming to EN/IEC 60947-2 - 100133 V AC 50/60 Hz 7.5 kA 75 % conforming to EN/IEC 60947-2 - 220240 V AC 50/60 Hz 6000 A 100 % conforming to EN/IEC 60898-1 - 240 V AC 50/60 Hz 15 kA 100 % conforming to EN/IEC 60947-2 - 1248 V DC 6 kA 100 % conforming to EN/IEC 60947-2 - 72 V DC
Limitation class	3 conforming to EN/IEC 60947-2
[Ui] rated insulation voltage	500 V AC 50/60 Hz
[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	2
Height	85 mm
Width	18 mm
Depth	78.5 mm
Net weight	0.125 kg
Colour	White
Mechanical durability	20000 cycles
Electrical durability	10000 cycles
Provision for padlocking	Padlockable
Connections - terminals	Single terminal (top or bottom) 125 mm² rigid Single terminal (top or bottom) 116 mm² 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
Tropicalisation	2 conforming to IEC 60068-1
Relative humidity	95 % at 55 °C
Ambient air temperature for operation	-3570 °C
Ambient air temperature for storage	-4085 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.3 cm
Package 1 Width	1.8 cm
Package 1 Length	8.5 cm
Package 1 Weight	111 g
Unit Type of Package 2	BB1
Number of Units in Package 2	12
Package 2 Height	8.6 cm
Package 2 Width	9.6 cm
Package 2 Length	21.8 cm
Package 2 Weight	1.364 kg
Unit Type of Package 3	\$03
Number of Units in Package 3	132
Package 3 Height	30 cm

Package 3 Width	30 cm
Package 3 Length	40 cm
Package 3 Weight	15.491 kg

Sustainability Screen Premium

Green PremiumTM label is Schneider Electric's commitment to delivering products with best-inclass 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

Mercury Free
Rohs Exemption Information Yes
Halogen Free Product

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
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