# Miễn từ trách nhiệm: Tài liệu này không nhằm thay thế và không được sử dụng để xác định tính phù họp hoặc độ tìn cậy của các sản phẩm này cho các ứng dụng người dùng cụ thể

# Bảng thông số sản phẩm

Thông số kỹ thuật





# iC60N - miniature circuit breaker -2P - 32A - C curve

A9F74232

### Main

Mairi	
Device application	Distribution
Range	Acti9
Product name	Acti9 iC60
Product or component type	Miniature circuit-breaker
Device short name	IC60N
poles description	2P
Number of protected poles	2
[In] rated current	32 A
Network type	DC AC
Trip unit technology	Thermal-magnetic
Curve code	С
Breaking capacity	6000 A Icn at 400 V AC 50/60 Hz conforming to EN/IEC 60898-1 36 kA Icu at 1260 V AC 50/60 Hz conforming to EN/IEC 60947-2 10 kA Icu at <= 125 V DC conforming to EN/IEC 60947-2 10 kA Icu at 380415 V AC 50/60 Hz conforming to EN/IEC 60947-2 20 kA Icu at 220240 V AC 50/60 Hz conforming to EN/IEC 60947-2 6 kA Icu at 440 V AC 50/60 Hz conforming to EN/IEC 60947-2 36 kA Icu at 100133 V AC 50/60 Hz 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 60947-2 IEC 60898-1

# Complementary

Network frequency	50/60 Hz
Magnetic tripping limit	8 x ln +/- 20 %

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[Ics] rated service breaking capacity	15 kA 75 % conforming to EN 60947-2 - 220240 V AC 50/60 Hz 7.5 kA 75 % conforming to EN 60947-2 - 380415 V AC 50/60 Hz 4.5 kA 75 % conforming to EN 60947-2 - 440 V AC 50/60 Hz 15 kA 75 % conforming to IEC 60947-2 - 220240 V AC 50/60 Hz 7.5 kA 75 % conforming to IEC 60947-2 - 380415 V AC 50/60 Hz 4.5 kA 75 % conforming to IEC 60947-2 - 440 V AC 50/60 Hz 27 kA 75 % conforming to IEC 60947-2 - 12133 V AC 50/60 Hz 27 kA 75 % conforming to EN 60947-2 - 12133 V AC 50/60 Hz 6000 A 100 % conforming to EN 60898-1 - 400 V AC 50/60 Hz 6000 A 100 % conforming to IEC 60947-2 - 72125 V DC 10 kA 100 % conforming to EN 60947-2 - 72125 V DC
Limitation class	3 conforming to EN 60898-1 3 conforming to IEC 60898-1
[Ui] rated insulation voltage	500 V AC 50/60 Hz conforming to EN 60947-2 500 V AC 50/60 Hz conforming to IEC 60947-2
[Uimp] rated impulse withstand voltage	6 kV conforming to EN 60947-2 6 kV conforming to IEC 60947-2
Contact position indicator	Yes
Control type	Toggle
Local signalling	Trip indicator
mounting mode	Fixed
Mounting support	DIN rail
Comb busbar and distribution block compatibility	Top or bottom: YES
9 mm pitches	4
Height	85 mm
Width	36 mm
Depth	78.5 mm
Net weight	0.25 kg
Colour	White
	20000 avalan
Mechanical durability	20000 cycles
Mechanical durability  Electrical durability	10000 cycles
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Electrical durability	10000 cycles  Single terminal (top or bottom) 135 mm² rigid
Electrical durability  Connections - terminals	10000 cycles  Single terminal (top or bottom) 135 mm² rigid Single terminal (top or bottom) 125 mm² flexible
Electrical durability  Connections - terminals  Wire stripping length	10000 cycles  Single terminal (top or bottom) 135 mm² rigid Single terminal (top or bottom) 125 mm² flexible  14 mm for top or bottom connection
Electrical durability  Connections - terminals  Wire stripping length  Tightening torque  Earth-leakage protection	10000 cycles  Single terminal (top or bottom) 135 mm² rigid Single terminal (top or bottom) 125 mm² flexible  14 mm for top or bottom connection  3.5 N.m top or bottom
Electrical durability  Connections - terminals  Wire stripping length  Tightening torque  Earth-leakage protection  Environment	10000 cycles  Single terminal (top or bottom) 135 mm² rigid Single terminal (top or bottom) 125 mm² flexible  14 mm for top or bottom connection  3.5 N.m top or bottom  Separate block
Electrical durability  Connections - terminals  Wire stripping length  Tightening torque  Earth-leakage protection	10000 cycles  Single terminal (top or bottom) 135 mm² rigid Single terminal (top or bottom) 125 mm² flexible  14 mm for top or bottom connection  3.5 N.m top or bottom
Electrical durability  Connections - terminals  Wire stripping length  Tightening torque  Earth-leakage protection  Environment	10000 cycles  Single terminal (top or bottom) 135 mm² rigid Single terminal (top or bottom) 125 mm² flexible  14 mm for top or bottom connection  3.5 N.m top or bottom  Separate block
Electrical durability  Connections - terminals  Wire stripping length  Tightening torque  Earth-leakage protection  Environment  IP degree of protection	10000 cycles  Single terminal (top or bottom) 135 mm² rigid Single terminal (top or bottom) 125 mm² flexible  14 mm for top or bottom connection  3.5 N.m top or bottom  Separate block  IP20 conforming to IEC 60529 IP20 conforming to EN 60529 3 conforming to EN 60947-2
Electrical durability  Connections - terminals  Wire stripping length  Tightening torque  Earth-leakage protection  Environment  IP degree of protection  Pollution degree	10000 cycles  Single terminal (top or bottom) 135 mm² rigid Single terminal (top or bottom) 125 mm² flexible  14 mm for top or bottom connection  3.5 N.m top or bottom  Separate block  IP20 conforming to IEC 60529 IP20 conforming to EN 60529  3 conforming to EN 60947-2 3 conforming to IEC 60947-2
Electrical durability  Connections - terminals  Wire stripping length  Tightening torque  Earth-leakage protection  Environment  IP degree of protection  Pollution degree  Overvoltage category	10000 cycles  Single terminal (top or bottom) 135 mm² rigid Single terminal (top or bottom) 125 mm² flexible  14 mm for top or bottom connection  3.5 N.m top or bottom  Separate block  IP20 conforming to IEC 60529 IP20 conforming to EN 60529  3 conforming to EN 60947-2 3 conforming to IEC 60947-2
Electrical durability  Connections - terminals  Wire stripping length  Tightening torque  Earth-leakage protection  Environment  IP degree of protection  Pollution degree  Overvoltage category  Tropicalisation	Single terminal (top or bottom) 135 mm² rigid Single terminal (top or bottom) 125 mm² flexible  14 mm for top or bottom connection  3.5 N.m top or bottom  Separate block  IP20 conforming to IEC 60529 IP20 conforming to EN 60529 IP20 conforming to EN 60947-2 3 conforming to IEC 60947-2 IV  2 conforming to IEC 60068-1
Electrical durability  Connections - terminals  Wire stripping length  Tightening torque  Earth-leakage protection  Environment  IP degree of protection  Pollution degree  Overvoltage category  Tropicalisation  Relative humidity	Single terminal (top or bottom) 135 mm² rigid Single terminal (top or bottom) 125 mm² flexible  14 mm for top or bottom connection  3.5 N.m top or bottom  Separate block  IP20 conforming to IEC 60529 IP20 conforming to EN 60529 IP20 conforming to EN 60947-2 3 conforming to IEC 60947-2 IV  2 conforming to IEC 60068-1  95 % at 55 °C

# **Packing Units**

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.500 cm
Package 1 Width	7.500 cm
Package 1 Length	9.500 cm
Package 1 Weight	238.000 g
Unit Type of Package 2	BB1
Number of Units in Package 2	6
Package 2 Height	8.000 cm
Package 2 Width	10.000 cm
Package 2 Length	22.500 cm
Package 2 Weight	1.489 kg
Unit Type of Package 3	S03
Number of Units in Package 3	66
Package 3 Height	30.000 cm
Package 3 Width	30.000 cm
Package 3 Length	40.000 cm
Package 3 Weight	16.769 kg

# **Contractual warranty**

Warranty 18 months



Nhãn **Green Premium<sup>TM</sup>** là cam kết của Schneider Electric trong việc cung cấp sản phẩm với hiệu suất môi trường tốt nhất. Green Premium cam kết tuân thủ các quy định mới nhất, minh bạch về tác động môi trường, cũng như các sản phẩm tuần hoàn và  $CO_2$  thấp.

Hướng dẫn đánh giá tính bền vững của sản phẩm là tài liệu kỹ thuật phổ thông giúp làm rõ các tiêu chuẩn nhãn sinh thái toàn cầu và cách diễn giải việc khai báo môi trường.

Tìm hiểu thêm về Green Premium >

Hướng dẫn đánh giá về sự bền vững của sản phẩm >





Minh bach RoHS/REACh

### Hiệu suất sức khoể

<b>②</b>	Mercury Free	
<b>⊘</b>	Rohs Exemption Information	Yes
<b>⊘</b>	Halogen Free Product	

### Chứng nhận & Tiêu chuẩn

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

Image of product / Alternate images

### **Alternative**







