

Miniature circuit breaker (MCB), Acti9 iC60N, 3P, 16A, C curve, 6000A (IEC 60898-1), 10kA (IEC 60947-2), double term.

A9F04316

### Main

Device application	Distribution	
Range	Acti9	
Product name	Acti9 iC60	
Product or component type	Miniature circuit-breaker	
Device short name	IC60N	
Poles description	3P	
Number of protected poles	3	
[In] rated current	16 A	
Network type	AC DC	
Trip unit technology	Thermal-magnetic	
Curve code	С	
Breaking capacity	36 kA Icu at 12133 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 10 kA Icu at 380415 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 10 kA Icu at <= 180 V DC conforming to EN/IEC 60947-2 6000 A Icn at 400 V AC 50/60 Hz conforming to EN/IEC 60898-1	
Utilisation category	Category A conforming to EN/IEC 60947-2	
Suitability for isolation	Yes conforming to EN/IEC 60898-1 Yes conforming to EN/IEC 60947-2	
Standards	EN/IEC 60947-2 EN/IEC 60898-1	

## Complementary

Network frequency	50/60 Hz	
Magnetic tripping limit	8 x In +/- 20 %	
[Ics] rated service breaking capacity	27 kA 75 % conforming to EN/IEC 60947-2 - 12133 V AC 50/60 Hz 15 kA 75 % conforming to EN/IEC 60947-2 - 220240 V AC 50/60 Hz 7.5 kA 75 % conforming to EN/IEC 60947-2 - 380415 V AC 50/60 Hz 4.5 kA 75 % conforming to EN/IEC 60947-2 - 440 V AC 50/60 Hz 10 kA 100 % conforming to EN/IEC 60947-2 - <= 180 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	

Local signalling	Trip indicator
Mounting support	DIN rail
9 mm pitches	6
Height	91 mm
Width	54 mm
Depth	78.5 mm
Net weight	0.375 kg
Colour	White
Mechanical durability	20000 cycles
Electrical durability	10000 cycles
Connections - terminals	Double terminal (top or bottom) 125 mm² rigid Double 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**

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	-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	6 cm
Package 1 Width	8 cm
Package 1 Length	9 cm
Package 1 Weight	362 g
Unit Type of Package 2	BB1
Number of Units in Package 2	4
Package 2 Height	9 cm
Package 2 Width	10 cm
Package 2 Length	22 cm
Package 2 Weight	1.455 kg
Unit Type of Package 3	S03
Number of Units in Package 3	44
Package 3 Height	30 cm

Package 3 Width	30 cm
Package 3 Length	40 cm
Package 3 Weight	16.855 kg

## **Contractual warranty**

Warranty (in months)

18



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	42	

#### **Use Better**

<b>⊗</b> 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
Halogen-free status	Product contains halogen above thresholds

### **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	