

Miniature circuit breaker (MCB), Acti9 iC60N DISBO, 1P, 1A, D curve, 6000A (IEC/EN 60898-1), 50kA (IEC/EN 60947-2)

A9F45101

### Main

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	1 A	
Network type	AC/DC	
Trip unit technology	Thermal-magnetic	
Curve code	D	
Breaking capacity	50 kA Icu at 1260 V AC 50/60 Hz conforming to EN/IEC 60947-2 50 kA Icu at 100133 V AC 50/60 Hz conforming to EN/IEC 60947-2 50 kA Icu at 220240 V AC 50/60 Hz conforming to EN/IEC 60947-2 15 kA Icu at 1260 V DC conforming to EN/IEC 60947-2 10 kA Icu at 6072 V DC conforming to EN/IEC 60947-2 6000 A Icn at 240 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	240 V AC 50/60 Hz	
Magnetic tripping limit	12 x In +/- 20 %	
[lcs] rated service breaking capacity	50 kA 100 % conforming to EN/IEC 60947-2 - 1260 V AC 50/60 Hz 50 kA 100 % conforming to EN/IEC 60947-2 - 100133 V AC 50/60 Hz 50 kA 100 % 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 60947-2 EN/IEC 60898-1	
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	1.8 cm
Package 1 Width	7.5 cm
Package 1 Length	9.0 cm
Package 1 Weight	112.0 g
Unit Type of Package 2	BB1
Number of Units in Package 2	12
Package 2 Height	8.0 cm
Package 2 Width	9.5 cm
Package 2 Length	22.0 cm
Package 2 Weight	1.407 kg
Unit Type of Package 3	S03
Number of Units in Package 3	132
Package 3 Height	30.0 cm

Package 3 Width	30.0 cm
Package 3 Length	40.0 cm
Package 3 Weight	16.088 kg



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	
Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	14
Environmental Disclosure	Product Environmental Profile

### **Use Better**

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	
Circularity Profile	No need of specific recycling operations
Take-back	No
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins