

Miniature circuit breaker (MCB), Acti9, iC60N Disbo, 2P, 20A, C curve, 6000A (IEC/EN 60898-1), 10kA (IEC/EN 60947-2)

A9F44220

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	20 A	
Network type	AC/DC	
Trip unit technology	Thermal-magnetic	
Curve code	С	
Breaking capacity	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 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	
Utilisation category	Category A conforming to EN/IEC 60947-2	

Complementary

Network frequency	50/60 Hz	
[Ue] rated operational voltage	400 V AC 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 6000 A 100 % conforming to EN/IEC 60898-1 - 415 V AC 50/60 Hz 6 kA 100 % conforming to EN/IEC 60947-2 - 100133 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	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) 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
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	7.500 cm
Package 1 Width	3.500 cm
Package 1 Length	9.000 cm
Package 1 Weight	223.000 g
Unit Type of Package 2	BB1
Number of Units in Package 2	6
Package 2 Height	8.800 cm
Package 2 Width	10.000 cm
Package 2 Length	23.000 cm
Package 2 Weight	1.448 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	16.763 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)	28
Environmental Disclosure	Product Environmental Profile

Use Better

EU RoHS Directive	Compliant
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