



Main

Range	Acti 9
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	50 A
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	B
Breaking capacity	10 kA Icu conforming to EN/IEC 60947-2 - 220...240 V AC 50/60 Hz 15 kA Icu conforming to EN/IEC 60947-2 - 12...48 V DC 6 kA Icu conforming to EN/IEC 60947-2 - 72 V DC 36 kA Icu conforming to EN/IEC 60947-2 - 10...60 V AC 50/60 Hz 20 kA Icu conforming to EN/IEC 60947-2 - 100...133 V AC 50/60 Hz 6000 A Icn conforming to EN/IEC 60898-1 - 240 V AC 50/60 Hz
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	4 x In +/- 20 %
[Ics] rated service breaking capacity	15 kA 100 % x Icu conforming to EN/IEC 60947-2 - 12...48 V DC 6 kA 100 % x Icu conforming to EN/IEC 60947-2 - 72 V DC 27 kA 75 % x Icu conforming to EN/IEC 60947-2 - 10...60 V AC 50/60 Hz 15 kA 75 % x Icu conforming to EN/IEC 60947-2 - 100...133 V AC 50/60 Hz 7.5 kA 75 % x Icu conforming to EN/IEC 60947-2 - 220...240 V AC 50/60 Hz 6000 A 100 % x Icu conforming to EN/IEC 60898-1 - 240 V AC 50/60 Hz
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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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
Product 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 rigid wire(s) 1...35 mm ² max Single terminal, top or bottom flexible wire(s) 1...25 mm ² max
Wire stripping length	14 mm top or bottom
Tightening torque	3.5 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
Tropicalisation	2 conforming to IEC 60068-1
Relative humidity	95 % (55 °C)
Ambient air temperature for operation	-35...70 °C
Ambient air temperature for storage	-40...85 °C

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0627 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations