



Main

Commercial Status	Commercialised
Range of product	Acti 9
Product name	Disbo iC60
Product or component type	Circuit breaker
Device short name	IC60H
Poles description	1P
Number of protected poles	1
[In] rated current	50 A
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	10000 A Icn conforming to EN/IEC 60898-1 - 240 V AC 50/60 Hz 15 kA Icu conforming to EN/IEC 60947-2 - 220...240 V AC 50/60 Hz 30 kA Icu conforming to EN/IEC 60947-2 - 100...133 V AC 50/60 Hz 42 kA Icu conforming to EN/IEC 60947-2 - 10...60 V AC 50/60 Hz 10 kA Icu conforming to EN/IEC 60947-2 - 72 V DC 20 kA Icu conforming to EN/IEC 60947-2 - 12...48 V DC
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	8 x In +/- 20 %
[Ics] rated service breaking capacity	10000 A 100 % x Icu conforming to EN/IEC 60898-1 - 240 V AC 50/60 Hz 7.5 kA 50 % x Icu conforming to EN/IEC 60947-2 - 220...240 V AC 50/60 Hz 15 kA 50 % x Icu conforming to EN/IEC 60947-2 - 100...133 V AC 50/60 Hz 21 kA 50 % x Icu conforming to EN/IEC 60947-2 - 10...60 V AC 50/60 Hz 10 kA 100 % x Icu conforming to EN/IEC 60947-2 - 72 V DC 20 kA 100 % x Icu conforming to EN/IEC 60947-2 - 12...48 V DC
Limitation class	3 conforming to EN/IEC 60947-2
[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
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 flexible wire(s) 1...25 mm ² max Single terminal, top or bottom rigid wire(s) 1...35 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	Not Green Premium product
RoHS	Compliant - since 1310 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold