



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	B
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	4 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

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

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

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