Product datasheet
Characteristics

A9F53103
Acti9 iC60H 1P 3A B Miniature Circuit breaker



Main

Range	Acti 9
Product name	Disbo iC60
Product or component type	Miniature circuit-breaker
Device short name	IC60H
Poles description	1P
Number of protected poles	1
[In] rated current	3 A
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	B
Breaking capacity	70 kA Icu at 12...60 V AC 50/60 Hz conforming to EN/IEC 60947-2 70 kA Icu at 100...133 V AC 50/60 Hz conforming to EN/IEC 60947-2 70 kA Icu at 220...240 V AC 50/60 Hz conforming to EN/IEC 60947-2 20 kA Icu at 12...48 V DC conforming to EN/IEC 60947-2 10 kA Icu at 72 V DC conforming to EN/IEC 60947-2 10000 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	4 x In +/- 20 %
[Ics] rated service breaking capacity	70 kA 100 % conforming to EN/IEC 60947-2 - 12...60 V AC 50/60 Hz 70 kA 100 % conforming to EN/IEC 60947-2 - 100...133 V AC 50/60 Hz 70 kA 100 % conforming to EN/IEC 60947-2 - 220...240 V AC 50/60 Hz 10000 A 100 % conforming to EN/IEC 60898-1 - 240 V AC 50/60 Hz 20 kA 100 % conforming to EN/IEC 60947-2 - 12...48 V DC 10 kA 100 % conforming to EN/IEC 60947-2 - 72 V DC
Limitation class	3 conforming to EN/IEC 60947-2
[Ui] rated insulation voltage	AC 50/60 Hz conforming to EN/IEC 60947-2
[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
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) 1…25 mm² rigid Single terminal (top or bottom) 1…16 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
Tropicalisation	2 conforming to IEC 60068-1
Relative humidity	95 % at 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
REACh Regulation	REACh Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
Circularity Profile	No need of specific recycling operations
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Contractual warranty

Warranty	18 months