

A9F54120

Miniature circuit breaker (MCB), Acti9 iC60H
Disbo, 1P, 20A, C curve, 10000A (IEC/EN
60898-1), 15kA (IEC/EN 60947-2)



Main

Range	Acti9
Product name	Disbo iC60
Product or Component Type	Miniature circuit-breaker
Device short name	iC60H
Poles description	1P
Number of protected poles	1
Line Rated Current	20 A
Network type	AC/DC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	20 KA Icu 12...60 V DC EN/IEC 60947-2 15 KA Icu 60...72 V DC EN/IEC 60947-2 10000 A Icn 240 V AC 50/60 Hz EN/IEC 60898-1 42 KA Icu 10...60 V AC 50/60 Hz EN/IEC 60947-2 30 KA Icu 100...133 V AC 50/60 Hz EN/IEC 60947-2 15 KA Icu 220...240 V AC 50/60 Hz EN/IEC 60947-2
Utilisation category	Category A EN/IEC 60947-2

Complementary

Network Frequency	50/60 Hz
Magnetic tripping limit	8 x In +/- 20 %
[Ics] rated service breaking capacity	21 KA 50 % EN/IEC 60947-2 - 10...60 V AC 50/60 Hz 15 KA 50 % EN/IEC 60947-2 - 100...133 V AC 50/60 Hz 7.5 KA 50 % EN/IEC 60947-2 - 220...240 V AC 50/60 Hz 7500 A 75 % EN/IEC 60898-1 - 240 V AC 50/60 Hz 20 KA 100 % EN/IEC 60947-2 - 12...48 V DC 10 kA 100 % EN/IEC 60947-2 - 72 V DC
Limitation class	3 EN/IEC 60947-2
[Ui] rated insulation voltage	500 V AC 50/60 Hz EN/IEC 60947-2
[Uimp] rated impulse withstand voltage	6 kV 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	3.35 in (85 mm)
Width	0.71 in (18 mm)
Depth	3.09 in (78.5 mm)
Net Weight	0.28 lb(US) (0.125 kg)
Color	White
Mechanical durability	20000 cycles
Electrical durability	10000 cycles
Provision for padlocking	Padlockable
Connections - terminals	Single terminal top or bottom) 0.00...0.04 in ² (1...25 mm ²) rigid Single terminal top or bottom) 0.00...0.02 in ² (1...16 mm ²) flexible

Wire stripping length	0.55 in (14 mm) for top or bottom connection
Tightening torque	17.70 lbf.in (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 EN/IEC 60947-2
Tropicalisation	2 IEC 60068-1
Relative humidity	95 % 131 °F (55 °C)
Ambient air temperature for operation	-31...158 °F (-35...70 °C)
Ambient Air Temperature for Storage	-40...185 °F (-40...85 °C)

Ordering and shipping details

Category	US10DE200908
Discount Schedule	0DE2
GTIN	3606480514746
Returnability	Yes
Country of origin	BG

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	0.71 in (1.800 cm)
Package 1 Width	2.91 in (7.400 cm)
Package 1 Length	3.54 in (9.000 cm)
Package 1 Weight	4.02 oz (114.000 g)
Unit Type of Package 2	BB1
Number of Units in Package 2	12
Package 2 Height	3.35 in (8.500 cm)
Package 2 Width	3.82 in (9.700 cm)
Package 2 Length	8.58 in (21.800 cm)
Package 2 Weight	3.13 lb(US) (1.422 kg)
Unit Type of Package 3	S03
Number of Units in Package 3	132
Package 3 Height	11.81 in (30.000 cm)
Package 3 Width	11.81 in (30.000 cm)
Package 3 Length	15.75 in (40.000 cm)
Package 3 Weight	35.47 lb(US) (16.088 kg)

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	 China RoHS Declaration
RoHS exemption information	 Yes
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.
Halogen content performance	Halogen free product