



Main

Range	Multi 9
Product name	Multi 9 C60H-DC
Product or component type	Miniature circuit-breaker
Device short name	C60H-DC
Device application	Distribution
Poles description	1P
Number of protected poles	1
[In] rated current	15 A at 25 °C
Network type	DC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	10 kA Icu 220 V DC GB 14048.2 6 kA Icu 250 V DC GB 14048.2 20 kA Icu 110 V DC GB 14048.2 20 kA Icu 110 V DC EN/IEC 60947-2 10 kA Icu 220 V DC EN/IEC 60947-2 6 kA Icu 250 V DC EN/IEC 60947-2 5 kA AIR 12...250 V DC UL 1077
Utilisation category	Category A conforming to EN/IEC 60947-2
Suitability for isolation	Yes conforming to EN/IEC 60947-2

Complementary

[Ue] rated operational voltage	12...250 V DC
Magnetic tripping limit	8.5 x In +/- 20 % AC
[Ics] rated service breaking capacity	15 kA 75 % GB 14048.2 - 110 V DC 15 kA 75 % EN/IEC 60947-2 - 110 V DC 7.5 kA 75 % EN/IEC 60947-2 - 250 V DC 4.5 kA 75 % EN/IEC 60947-2 - 220 V DC 7.5 kA 75 % GB 14048.2 - 250 V DC 4.5 kA 75 % GB 14048.2 - 220 V DC

Limitation class	3 conforming to EN/IEC 60947-2
[Ui] rated insulation voltage	500 V DC 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	ON/OFF indication
Mounting mode	Clip-on
Mounting support	DIN rail
Comb busbar and distribution block compatibility	Top or bottom: standard
9 mm pitches	2
Height	3.19 in (81 mm)
Width	0.71 in (18 mm)
Depth	2.87 in (73 mm)
Net weight	0.28 lb(US) (0.128 kg)
Colour	Grey
Mechanical durability	20000 cycles
Electrical durability	3000 cycles L/R = 2 ms 6000 cycles
Provision for padlocking	Padlockable
Locking options description	In position O
Connections - terminals	Tunnel type terminal top or bottom) 0.00...0.04 in ² (1...25 mm ²) AWG 18...AWG 4) - rigid stranded Tunnel type terminal top or bottom) 0.00...0.02 in ² (1...16 mm ²) AWG 18...AWG 6) - flexible Tunnel type terminal top or bottom) 0.00...0.02 in ² (1...16 mm ²) AWG 18...AWG 6) - flexible with ferrule Tunnel type terminal top or bottom) - 2 0.00...0.02 in ² (1...10 mm ²) AWG 18...AWG 8) - rigid stranded Tunnel type terminal top or bottom) - 2 0.00...0.02 in ² (1...10 mm ²) AWG 18...AWG 8) - flexible Tunnel type terminal top or bottom) - 2 0.00...0.02 in ² (1...10 mm ²) AWG 18...AWG 8) - flexible with ferrule Tunnel type terminal top or bottom) - 3 0.00 in ² (1 mm ²) AWG 18) - flexible stranded
Wire stripping length	14 mm for top or bottom connection
Tightening torque	22.13 lbf.in (2.5 N.m) top or bottom
Earth-leakage protection	Without

Environment

Standards	UL 1077 GB 14048.2 EN/IEC 60947-2
Product certifications	UR CCC IEC
IP degree of protection	IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529
Pollution degree	3 conforming to EN/IEC 60947-2
Overvoltage category	IV
Tropicalisation	2 conforming to IEC 60068-2 2 GB 14048.2
Relative humidity	95 % at 55 °C
Operating altitude	2000 m
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...185 °F (-40...85 °C)

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	4.02 oz (114 g)
Package 1 Height	0.71 in (1.8 cm)

Package 1 width	2.95 in (7.5 cm)
Package 1 Length	3.35 in (8.5 cm)
Unit Type of Package 2	BB1
Number of Units in Package 2	12
Package 2 Weight	3.12 lb(US) (1.416 kg)
Package 2 Height	3.15 in (8 cm)
Package 2 width	3.54 in (9 cm)
Package 2 Length	8.98 in (22.8 cm)
Unit Type of Package 3	S03
Number of Units in Package 3	144
Package 3 Weight	38.53 lb(US) (17.479 kg)
Package 3 Height	11.81 in (30 cm)
Package 3 width	11.81 in (30 cm)
Package 3 Length	15.75 in (40 cm)

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant 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
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
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