

Product datasheet

Specifications



Multi9 - C60H-DC - MCB - 2P - 40 A - C Curve - 500 V DC - 10 kA

M9U21240

EAN Code: 3606480741845

Main

Range	Multi9
product name	Multi9 C60H-DC
Product or component type	Miniature circuit-breaker
Device short name	C60H-DC
Device application	Distribution
Poles description	2P
Number of protected poles	2
[In] rated current	40 A at 25 °C conforming to EN/IEC 60947-2
Network type	DC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	20 kA Icu at 220 V DC conforming to EN/IEC 60947-2 10 kA Icu at 440 V DC conforming to EN/IEC 60947-2 6 kA Icu at 500 V DC conforming to EN/IEC 60947-2 5 kA AIR at 12...500 V DC conforming to UL 1077 20 kA Icu at 220 V DC conforming to GB 14048.2 10 kA Icu at 440 V DC conforming to GB 14048.2 6 kA Icu at 500 V DC conforming to GB 14048.2
Utilisation category	Category A conforming to EN/IEC 60947-2
Standards	EN/IEC 60947-2 GB 14048.2 UL 1077
Product certifications	IEC CCC UR

Complementary

[Ue] rated operational voltage	220 V DC 440 V DC 500 V DC
Magnetic tripping limit	7...10 x In DC
[Ics] rated service breaking capacity	7.5 kA 75 % conforming to EN/IEC 60947-2 - 440 V DC 4.5 kA 75 % conforming to EN/IEC 60947-2 - 500 V DC 15 kA 75 % conforming to EN/IEC 60947-2 - 220 V DC 7.5 kA 75 % conforming to GB 14048.2 - 440 V DC 4.5 kA 75 % conforming to GB 14048.2 - 500 V DC 15 kA 75 % conforming to GB 14048.2 - 220 V DC
[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

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

Suitability for isolation	Yes 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
9 mm pitches	4
Height	81 mm
Width	36 mm
Depth	73 mm
Net weight	0.128 kg
Colour	Grey
Mechanical durability	20000 cycles
Electrical durability	3000 cycles 250 V DC L/R = 2 ms 6000 cycles 250 V DC
Provision for padlocking	Padlockable
Connections - terminals	Tunnel type terminal (top or bottom)1...35 mm² (AWG 18...AWG 2) - rigid stranded Tunnel type terminal (top or bottom)1...25 mm² (AWG 18...AWG 4) - flexible Tunnel type terminal (top or bottom)1...25 mm² (AWG 18...AWG 4) - flexible with ferrule Tunnel type terminal (top or bottom) - 2 cable(s) 1...16 mm² (AWG 18...AWG 6) - rigid stranded Tunnel type terminal (top or bottom) - 2 cable(s) 1...16 mm² (AWG 18...AWG 6) - flexible Tunnel type terminal (top or bottom) - 2 cable(s) 1...16 mm² (AWG 18...AWG 6) - flexible with ferrule Tunnel type terminal (top or bottom) - 3 cable(s) 4 mm² (AWG 6) - flexible stranded
Wire stripping length	14 mm for top or bottom connection
Tightening torque	3.5 N.m top or bottom
Earth-leakage protection	Without

Environment

Heat dissipation	8.6 W at 440 V - 40 A
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
Tropicalisation	2 conforming to IEC 60068-2 2 conforming to GB 14048.2
Relative humidity	95 % at 55 °C
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...85 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	8.500 cm
Package 1 Width	3.600 cm

Package 1 Length	7.500 cm
Package 1 Weight	243.000 g
Unit Type of Package 2	BB1
Number of Units in Package 2	6
Package 2 Height	8.200 cm
Package 2 Width	9.000 cm
Package 2 Length	22.500 cm
Package 2 Weight	1.499 kg
Unit Type of Package 3	S03
Number of Units in Package 3	72
Package 3 Height	30.000 cm
Package 3 Width	30.000 cm
Package 3 Length	40.000 cm
Package 3 Weight	18.607 kg

Logistical informations

Country of origin	CN
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Contractual warranty

Warranty	18 months
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint	
Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	26
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances	
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Compliant
REACH Regulation	REACH Declaration

Use Again

Repack and remanufacture	
Circularity Profile	No need of specific recycling operations
Take-back	No
WEEE	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Image of product / Alternate images

Alternative

