Product datasheet

Specification





Multi9 - C60H-DC - MCB - 1P - 40 A - C Curve - 250 V DC - 10 kA

M9U21140

EAN Code: 3606480741692

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	1P	
Number of protected poles	1	
[In] rated current	40 A at 25 °C conforming to EN/IEC 60947-2	
Network type	DC	
Trip unit technology	Thermal-magnetic	
Curve code	С	
Breaking capacity	10 kA Icu at 220 V DC conforming to EN/IEC 60947-2 6 kA Icu at 250 V DC conforming to EN/IEC 60947-2 20 kA Icu at 110 V DC conforming to EN/IEC 60947-2 5 kA AIR at 12250 V DC conforming to UL 1077 10 kA Icu at 220 V DC conforming to GB 14048.2 6 kA Icu at 250 V DC conforming to GB 14048.2 20 kA Icu at 110 V DC conforming to GB 14048.2	
Utilisation category	Category A conforming to EN/IEC 60947-2	
Suitability for isolation	Yes 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	250 V DC 110 V DC 220 V DC	
Magnetic tripping limit	710 x ln DC	
[Ics] rated service breaking capacity	7.5 kA 75 % conforming to EN/IEC 60947-2 - 220 V DC 4.5 kA 75 % conforming to EN/IEC 60947-2 - 250 V DC 15 kA 75 % conforming to EN/IEC 60947-2 - 110 V DC 7.5 kA 75 % conforming to GB 14048.2 - 220 V DC 4.5 kA 75 % conforming to GB 14048.2 - 250 V DC 15 kA 75 % conforming to GB 14048.2 - 110 V DC	
[Ui] rated insulation voltage	500 V DC conforming to EN/IEC 60947-2	

1 Jul 2024 Life Is On Schneider

[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
9 mm pitches	2
Height	81 mm
Width	18 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)135 mm² (AWG 18AWG 2) - rigid stranded Tunnel type terminal (top or bottom)125 mm² (AWG 18AWG 4) - flexible Tunnel type terminal (top or bottom)125 mm² (AWG 18AWG 4) - flexible with ferrule Tunnel type terminal (top or bottom) - 2 cable(s) 116 mm² (AWG 18AWG 6) - rigid stranded Tunnel type terminal (top or bottom) - 2 cable(s) 116 mm² (AWG 18AWG 6) - flexible Tunnel type terminal (top or bottom) - 2 cable(s) 116 mm² (AWG 18AWG 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	4.3 W at 220 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	-2570 °C
Ambient air temperature for storage	-4085 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	8.5 cm
Package 1 Width	1.8 cm

Package 1 Length	7.2 cm
Package 1 Weight	122.0 g
Unit Type of Package 2	BB1
Number of Units in Package 2	12
Package 2 Height	8.5 cm
Package 2 Width	9.0 cm
Package 2 Length	22.5 cm
Package 2 Weight	1.505 kg
Unit Type of Package 3	S03
Number of Units in Package 3	144
Package 3 Height	30.0 cm
Package 3 Width	30.0 cm
Package 3 Length	40.0 cm
Package 3 Weight	18.547 kg

Contractual warranty

Warranty 18 months



Green PremiumTM **label** is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >





Transparency RoHS/REACh

Well-being performance

✓ Toxic Heavy Metal Free
 ✓ Mercury Free
 ✓ Rohs Exemption Information

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)
Environmental Disclosure	Product Environmental Profile
Circularity Profile	No need of specific recycling operations

1 Jul 2024