



Main

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| 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 | 32 A at 25 °C conforming to EN/IEC 60947-2 |
| Network type | DC |
| Trip unit technology | Thermal-magnetic |
| Curve code | C |
| 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 12...250 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

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| [Ue] rated operational voltage | 250 V DC 110 V DC 220 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 - 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 |
| [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 |

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| 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 mm ² (AWG 18...AWG 2) - rigid stranded Tunnel type terminal (top or bottom)1...25 mm ² (AWG 18...AWG 4) - flexible Tunnel type terminal (top or bottom)1...25 mm ² (AWG 18...AWG 4) - flexible with ferrule Tunnel type terminal (top or bottom) - 2 cable(s) 1...16 mm ² (AWG 18...AWG 6) - rigid stranded Tunnel type terminal (top or bottom) - 2 cable(s) 1...16 mm ² (AWG 18...AWG 6) - flexible Tunnel type terminal (top or bottom) - 2 cable(s) 1...16 mm ² (AWG 18...AWG 6) - flexible with ferrule Tunnel type terminal (top or bottom) - 3 cable(s) 4 mm ² (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

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| Heat dissipation | 3.5 W at 220 V - 32 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

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| Package 1 Weight | 0.121 kg |
| Package 1 Height | 0.850 dm |
| Package 1 width | 0.180 dm |
| Package 1 Length | 0.720 dm |

Offer Sustainability

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| REACH Regulation |  REACH Declaration |
| REACH free of SVHC | Yes |
| EU RoHS Directive | Compliant  EU RoHS Declaration |
| Toxic heavy metal free | Yes |
| Mercury free | Yes |
| RoHS exemption information |  Yes |
| China RoHS Regulation |  China RoHS Declaration |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |