



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 | 2P |
| Number of protected poles | 2 |
| [In] rated current | 0.5 A at 25 °C |
| Network type | DC |
| Trip unit technology | Thermal-magnetic |
| Curve code | C |
| Breaking capacity | Icu 20 kA at 220 V DC conforming to EN/IEC 60947-2 Icu 10 kA at 440 V DC conforming to EN/IEC 60947-2 Icu 6 kA at 500 V DC conforming to EN/IEC 60947-2 AIR 5 kA at 12...500 V DC conforming to UL 1077 Icu 20 kA at 220 V DC conforming to GB 14048.2 Icu 10 kA at 440 V DC conforming to GB 14048.2 Icu 6 kA at 500 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 |

Complementary

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| [Ue] rated operational voltage | 12...500 V DC |
| Magnetic tripping limit | 8.5 x In +/- 20 % AC |
| [Ics] rated service breaking capacity | 7.5 kA 75 % x Icu at 440 V DC conforming to EN/IEC 60947-2 4.5 kA 75 % x Icu at 500 V DC conforming to EN/IEC 60947-2 15 kA 75 % x Icu at 220 V DC conforming to EN/IEC 60947-2 7.5 kA 75 % x Icu at 440 V DC conforming to GB 14048.2 4.5 kA 75 % x Icu at 500 V DC conforming to GB 14048.2 15 kA 75 % x Icu at 220 V DC conforming to GB 14048.2 |
| Limitation class | 3 conforming to EN/IEC 60947-2 |

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| [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 | Standard top or bottom |
| 9 mm pitches | 4 |
| Height | 81 mm |
| Width | 36 mm |
| Depth | 73 mm |
| Product weight | 0.256 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 rigid stranded wire(s) 1...25 mm ² max (AWG 18...AWG 4) Tunnel type terminal, top or bottom flexible wire(s) 1...16 mm ² max (AWG 18...AWG 6) Tunnel type terminal, top or bottom flexible with ferrule wire(s) 1...16 mm ² max (AWG 18...AWG 6) Tunnel type terminal, top or bottom for 2 rigid stranded wire(s) 1...10 mm ² max (AWG 18...AWG 8) Tunnel type terminal, top or bottom for 2 flexible wire(s) 1...10 mm ² max (AWG 18...AWG 8) Tunnel type terminal, top or bottom for 2 flexible with ferrule wire(s) 1...10 mm ² max (AWG 18...AWG 8) Tunnel type terminal, top or bottom for 3 flexible stranded wire(s) 1 mm ² max (AWG 18) |
| Wire stripping length | 14 mm top or bottom |
| Tightening torque | 2.5 N.m top or bottom |
| Earth-leakage protection | Without |

Environment

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

Offer Sustainability

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| Sustainable offer status | Green Premium product |
| RoHS (date code: YYWW) | Compliant - since 0844 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity |
| REACH | Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold |
| Product environmental profile | Available |

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| Product end of life instructions | Need no specific recycling operations |
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Contractual warranty

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| Warranty period | 18 months |
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MGN61520 is replaced by:



Miniature circuit breakers M9U21270

Multi 9 - C60H-DC - MCB - 2P - 0.5 A - C Curve - 500 V DC - 10 kA

Qty 1

Reason for Substitution: End of life | Substitution date: 01 January 2017
