

Specifications



UEM5DH -250 MCCB

Main

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| Range | UEM5 |
| Product Name | DC MCCB (High Voltage) |
| Device Short Name | UEM5DH-250 |
| Product or Component Type | Circuit breaker |
| Device Application | DC distribution systems such as new energy, DC energy storage, power system, rail transit and electric tram. |
| Poles Description | 4P |
| Rated Current [In] | 100 A at 40 °C 125 A at 40 °C 140 A at 40 °C 160 A at 40 °C 180 A at 40 °C 200 A at 40 °C 225 A at 40 °C 250 A at 40 °C |
| Rated Operating Voltage [Ue] | 1500V DC |
| Network type | DC |
| Suitability for isolation | Yes conforming to IEC 60947-2 |
| Utilization Category | Category A |
| Rated ultimate short-circuit breaking capacity [Icu] | 15 kA Icu at 1500 V DC conforming to IEC 60947-2 |
| Rated service short-circuit breaking capacity [Ics] | 15 kA Ics at 1500 V DC conforming to IEC 60947-2 |
| Arcing distance (mm) | ≤50mm |

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| Trip unit technology | Thermal-magnetic |
| | Magnetic |
| Control type | Operated by handle |
| | Operated by motorized operating mechanism |
| | Operated by rotary operating mechanism |
| Circuit breaker mounting mode | Fixed |

Complementary

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| Rated insulation voltage [Ui] | 1500 V DC conforming to IEC 60947-2 |
| Rated impulse withstand voltage [Uimp] | 12 kV conforming to IEC 60947-2 |
| Mechanical durability | 10000cycles |
| Electrical durability | 2000 cycles at 1500 V In |
| Mounting position | Horizontal and vertical flat on the back |
| Connection pitch | 35 mm |
| Instantaneous protection pick-up adjustment range [Ii] | 10In |
| Electrical accessory types | Alarm contact |
| | Shunt release |
| | Auxiliary contact |
| Width | 141mm |
| Height | 225 mm(G)/205mm(H) |
| Depth | 88 mm |
| Net Weight | 3.3kg |

Environment

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| Standards | EN/IEC 60947-2 |
| Product certifications | CCC |
| | CB |
| Pollution degree | 3 conforming to IEC 60664-1 |
| Ambient air temperature for operation | -25...70 °C |
| Ambient air temperature for storage | -40...70 °C |
| Relative humidity | 0...95 % (25°C) |
| Operating altitude | 0...2000 m without derating |
| | 2000 m...4000 m with derating |

Offer Sustainability

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| China RoHS regulation | China RoHS declaration |
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Product out of China RoHS scope. Substance declaration for your information.
