



Main

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|--------------------------------|---|
| Product or component type | External power supply module |
| Device application | Power supply |
| Range compatibility | Masterpact (MasterPact NT) circuit breaker Masterpact (MasterPact NW) circuit breaker ComPact (ComPact NS) circuit breaker ComPact (ComPact NSX) circuit breaker ComPact (ComPact NSX DC) circuit breaker PowerPact (PowerPact Multistandard) circuit breaker Masterpact (MasterPact MTZ1) circuit breaker Masterpact (MasterPact MTZ2) circuit breaker Masterpact (MasterPact MTZ3) circuit breaker PowerPact (PowerPact H) circuit breaker PowerPact (PowerPact J) circuit breaker PowerPact (PowerPact L) circuit breaker PowerPact (PowerPact P) circuit breaker PowerPact (PowerPact R) circuit breaker |
| Accessory / separate part type | Control units accessories Trip unit accessories |

Complementary

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| Trip unit name | MicroLogic |
| Power supply type | Regulated switch mode |
| [Us] rated supply voltage | 380...415 V AC 50/60 Hz tolerance: +10 % -15 % |
| Input voltage limits | 323...456.5 V AC at 47.5...63 Hz |
| Output voltage | 24 V DC +/-5 % |
| Overvoltage category | IV conforming to IEC 62477-1 III conforming to UL 61010-1 |
| Power supply output current | 1 A |
| Rated power in W | 24 W |
| Output protection type | Against overload, protection technology: manual reset Against overvoltage, protection technology: 30...32 V, manual reset Against short-circuits, protection technology: manual reset Thermal, protection technology: automatic reset |
| Inrush current | 20 A 2 ms |
| Efficiency | 85 % |
| Power dissipation in W | 4.2 W |
| Holding time | >= 20 ms 380...415 V AC |
| Permissible temporary current boost | 1.5 A (200 ms) |
| Connections - terminals | Screw type terminals, connection capacity: 2 x 0.2...2 x 1.5 mm ² AWG 24...AWG 16 Screw type terminals, connection capacity: 1 x 0.2...1 x 4 mm ² AWG 24...AWG 12 |
| Mounting support | 35 x 7.5 mm symmetrical DIN rail |
| Operating position | Horizontal |
| Operating altitude | 0...2000 m |
| Name of test | Electrostatic discharges conforming to EN/IEC 61000-4-2 Induced electromagnetic field conforming to EN/IEC 61000-4-6 Magnetic field conforming to EN 61000-4-8 Primary outage conforming to IEC 61000-4-11 Radiated electromagnetic field conforming to EN/IEC 61000-4-3 Rapid transient conforming to IEC 61000-4-4 Surge conforming to EN/IEC 61000-4-5 Radiated emissions conforming to EN 61000-6-3 Conducted emissions on the power line conforming to EN 61000-6-3 |

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| Status LED | 1 LED (green) output voltage |
| Height | 90 mm |
| Width | 108 mm |
| Depth | 67.5 mm |

Environment

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|---------------------------------------|---|
| Standards | UL 61010-1 IEC 62477-1 |
| Marking | UL CE EAC |
| Environmental characteristic | EMC conforming to EN/IEC 61000-6-2 EMC conforming to EN/IEC 61000-6-3 Safety conforming to IEC 62477-1 Safety conforming to SELV |
| IP degree of protection | IP4X (front face) conforming to EN/IEC 60529 IP2X (connection terminals) conforming to EN/IEC 60529 IP3x (housing) conforming to EN/IEC 60529 |
| Ambient air temperature for operation | -25...70 °C |
| Ambient air temperature for storage | -50...85 °C |
| Relative humidity | 0...95 % during operation 0...95 % in storage |
| Dielectric strength | 3000 V between input and ground 3000 V between input and output 1500 V between output and ground |
| Compatibility code | CB_EXTERNAL_POWERSUPPLY |

Packing Units

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|------------------------------|---------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 6.9 cm |
| Package 1 Width | 9 cm |
| Package 1 Length | 10.8 cm |
| Package 1 Weight | 0.35 kg |

Offer Sustainability

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|----------------------------|---|
| Sustainable offer status | Green Premium product |
| REACH free of SVHC | Yes |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Toxic heavy metal free | Yes |
| Mercury free | Yes |
| China RoHS Regulation | China RoHS Declaration |
| RoHS exemption information | Yes |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End Of Life Information |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |