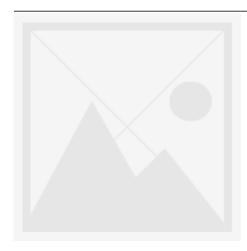
Product data sheet Characteristics

LV454445

external power supply module 380 – 415 V AC - 24 V - 1 A





Main

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

Complementary

| Trip unit name | Micrologic | |
|-----------------------------|--|---|
| Power supply type | Regulated switch mode | |
| [Us] rated supply voltage | 380415 V AC at 50/60 Hz tolerance: +10 % -15 % | 7 |
| Input voltage limits | 323456.5 V AC at 47.563 Hz | |
| Output voltage | 24 V DC tolerance: +/-5 % | } |
| Overvoltage category | III conforming to UL 61010-1 IV conforming to IEC 62477-1 | |
| Power supply output current | 1 A | |
| Rated power in W | 24 W | |
| Output protection type | Against overload, protection technology: manual reset Against short-circuits, protection technology: manual reset Against overvoltage, protection technology: 3032 V, manual reset | |

| Thermal | protection | technology: | automatic reset | |
|---------|------------|-------------|-----------------|--|
| rnemai | protection | rechnology | automatic reset | |

| Inrush current | 20 A for 2 ms |
|-------------------------------------|--|
| Efficiency | 85 % |
| Power dissipation in W | 4.2 W |
| Holding time | >= 20 ms 380415 V AC |
| Permissible temporary current boost | 1.5 A for 200 ms |
| Connections - terminals | Screw type terminals, connection capacity: 2 x 0.22 x 1.5 mm² AWG 24AWG 16 Screw type terminals, connection capacity: 1 x 0.21 x 4 mm² AWG 24AWG 12 |
| Mounting support | 35 x 7.5 mm symmetrical DIN rail |
| Operating position | Horizontal |
| Operating altitude | 02000 m |
| Name of test | Radiated emissions conforming to EN 61000-6-3 Conducted emissions on the power line conforming to EN 61000-6-3 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 |
| Status LED | 1 LED green output voltage |
| Height | 90 mm |
| Width | 108 mm |
| Depth | 67.5 mm |

Environment

| Standards | IEC 62477-1 |
|---------------------------------------|--|
| | UL 61010-1 |
| Marking | EAC |
| | UL |
| | CE |
| Environmental characteristic | EMC conforming to EN/IEC 61000-6-3 |
| | Safety conforming to IEC 62477-1 |
| | EMC conforming to EN/IEC 61000-6-2 |
| | 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 | -2570 °C |
| Ambient air temperature for storage | -5085 °C |
| Relative humidity | 095 % in storage |
| | 095 % during operation |
| Dielectric strength | 3000 V for between input and output |
| | 3000 V for between input and ground |
| | 1500 V for between output and ground |
| | |

Offer Sustainability

| Sustainable offer status | Green Premium product | |
|----------------------------------|---|--|
| RoHS (date code: YYWW) | Compliant - since 1840 - 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 | |
| | Product Environmental Profile | |
| Product end of life instructions | Available | |