



## Main

|                                |  |
|--------------------------------|--|
| Product or component type      | External power supply module   |
| Device application             | Power supply   |
| Range compatibility            | Masterpact MasterPact MTZ<br>Masterpact MasterPact NT<br>Masterpact MasterPact NW<br>ComPact ComPact NSX<br>ComPact ComPact NSX DC<br>ComPact ComPact NS630b...1600<br>ComPact ComPact NS1600b...3200<br>PowerPact PowerPact H<br>PowerPact PowerPact J<br>PowerPact PowerPact L<br>PowerPact PowerPact P<br>PowerPact PowerPact R |
| Accessory / separate part type | Control units accessories<br>Trip unit accessories   |

## Complementary

|                                     |  |
|-------------------------------------|--|
| Trip unit name                      | MicroLogic   |
| Power supply type                   | Regulated switch mode  |
| [Us] rated supply voltage           | 100...125 V DC tolerance: +/- 20 %   |
| Input voltage limits                | 80...150 V DC  |
| Output voltage                      | 24 V DC +/-5 %   |
| Overvoltage category                | III conforming to IEC 62477-1<br>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<br>Against overvoltage, protection technology: 30...32 V, manual reset<br>Against short-circuits, protection technology: manual reset<br>Thermal, protection technology: automatic reset   |
| Inrush current                      | 20 A 2 ms  |
| Efficiency                          | 85 %   |
| Power dissipation in W              | 4.2 W  |
| Holding time                        | >= 20 ms 100...125 V DC  |
| 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 <sup>2</sup> AWG 24...AWG 16<br>Screw type terminals, connection capacity: 1 x 0.2...1 x 4 mm <sup>2</sup> 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<br>Induced electromagnetic field conforming to EN/IEC 61000-4-6<br>Magnetic field conforming to EN 61000-4-8<br>Primary outage conforming to IEC 61000-4-29<br>Radiated electromagnetic field conforming to EN/IEC 61000-4-3<br>Rapid transient conforming to IEC 61000-4-4<br>Surge conforming to EN/IEC 61000-4-5<br>Radiated emissions conforming to EN 61000-6-3<br>Conducted emissions on the power line conforming to EN 61000-6-3 |
| Status LED                          | 1 LED (green) output voltage   |

|        |         |
|--------|---------|
| Height | 90 mm   |
| Width  | 108 mm  |
| Depth  | 67.5 mm |







## Environment

|                                       |   |
|---------------------------------------|---|
| Standards                             | UL 61010-1<br>IEC 62477-1   |
| Marking                               | UL<br>EAC<br>CE   |
| Environmental characteristic          | EMC conforming to EN/IEC 61000-6-2<br>EMC conforming to EN/IEC 61000-6-3<br>Safety conforming to IEC 62477-1<br>Safety conforming to SELV           |
| IP degree of protection               | IP4X (front face) conforming to EN/IEC 60529<br>IP2X (connection terminals) conforming to EN/IEC 60529<br>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<br>0...95 % in storage  |
| Dielectric strength                   | 3820 V between input and ground<br>3820 V between input and output<br>1840 V between output and ground  |
| Compatibility code                    | CB_EXTERNAL_POWERSUPPLY   |

## Packing Units

|                              |          |
|------------------------------|----------|
| Unit Type of Package 1       | PCE      |
| Number of Units in Package 1 | 1        |
| Package 1 Height             | 7.7 cm   |
| Package 1 Width              | 11.4 cm  |
| Package 1 Length             | 12.6 cm  |
| Package 1 Weight             | 386.0 g  |
| Unit Type of Package 2       | S03      |
| Number of Units in Package 2 | 23       |
| Package 2 Height             | 30.0 cm  |
| Package 2 Width              | 30.0 cm  |
| Package 2 Length             | 40.0 cm  |
| Package 2 Weight             | 9.124 kg |

## Offer Sustainability

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