

Catalogue No: **CPT-PSM40-230MOD**

SPD PSM REPLACEMENT MODULE L-N I_{max} 40kA 400V AC

Power Distribution and Protection > Switchboard Monitoring > Surge Protection > Cirprotec Electrical Network Surge Diverters > IEC Type 2 > PSM Replaceable Modules



Representative Photo Only
(actual product may vary based on configuration selections)

PSM Replacement Module L-N I_{max} 40 kA 400 V AC

PSM is the range of devices for discharging induced transient overvoltages (Type 2 / Class II), in accordance with IEC 61643-11

- DIN rail plug-in format
- Suitable for the second stage of protection in supply distribution panels in which Type 1 protection devices are installed, or for the first stage of protection in residential, commercial or other applications not exposed to direct strikes and with no external lightning protection system
- High discharge capacity with an 8/20 μ s waveform. I_{max}: 40 kA or 30 kA
- Remote and visual indication of life status of the protection device
- Reversible chassis to allow cable entry from above or below. Mechanically polarised cartridges depending on the network voltage, to avoid possible cartridge replacement errors
- Biconnect - two types of terminal: for rigid or flexible cable and for fork type comb busbar

SPECIFICATIONS

| | |
|---|------------------------------|
| Product Series | PSM |
| Component Type Surge Protection | Replacement Surge Block |
| Poles | 1P + N |
| Protection Classification Standard | IEC 61643-1 EN 61643-11 |
| Un, Nominal Voltage, AC, L-N/PE | 230 V AC |
| Uc, Continuous Operating Voltage, AC, Max | 275 V AC |
| I _{max} , Discharge Current, (8/20) L-N, Max | 40 kA |
| I _n , Discharge Current, (8/20) L-N, Nom | 20 kA |
| I _{cc} , Current, Short Circuit Withstand | 25 kA |
| Fuse Characteristic Type(s) | gL/gG |
| Recommended Fuse Current Rating | 125 A |
| Connection Mode | Parallel |
| Protection Modes | L-N modes |
| Protection class | 2 |
| Number of Poles | 1 |
| Up, Voltage Protection Level | 1.3 kV @I _n |
| Visual Indication | Yes Y/N |
| Indicator Type | Red / Green Flag |
| Remote Monitoring | No Y/N |
| Mounting | DIN-35 Rail Mount |
| IP Rating | IP20 |
| Colour, Body / Housing | Light Grey (RAL 7035) colour |
| Height | 45 mm |
| Width | 17.5 mm |
| Depth | 50 mm |

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| | |
|----------------------------|------------|
| Weight | 0.058 kg |
| Operating Temperature, Min | -40 °C min |
| Operating Temperature, Max | 85 °C max |
| Certifications | CE |

REFERENCES

| | |
|---|---|
| IECEX Certificate | - |
| Supplier Declaration of Conformity: | - |
| Installation Guide: | - |
| User Manual: | - |
| Manufacturer Datasheet: | - |
| Manufacturer Catalogue & Product Selection: | CPTPSM40230MOD_Manufacturer Product Selection Guide |

