



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

PSM Replacement Module L-N I_{max} 20 kA 240 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	320 V AC
I _{max} , Discharge Current, (8/20) L-N, Max	20 kA
I _n , Discharge Current, (8/20) L-N, Nom	10 kA
I _{cc} , Current, Short Circuit Withstand	25 kA
Fuse Characteristic Type(s)	gL/gG
Recommended Fuse Current Rating	63 A
Connection Mode	Parallel
Protection Modes	L-N modes
Protection class	2
Number of Poles	1
Up, Voltage Protection Level	1.4 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	18 mm
Depth	50 mm

Catalogue No: **CPT-PSM20-230MOD**

SPD PSM REPLACEMENT MODULE L-N I_{max} 20kA 240V AC

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



Weight	0.048 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:	-

