

PSM 40 0+1

Power Line SPDs
DIN RAIL - IEC TYPE 2



General Data

Internal configuration	0+1
No. Poles	1-Pole
No. DIN rail modules	1
Network configuration	TT, TNS
IEC SPD Type	Class II
EN SPD Type	Type 2
UL SPD Type	Type 2 Component Assembly
Format	Pluggable
Protection Modes	N-PE
Product standards	IEC/EN 61643-11; UL 1449 5th Edition



PART NUMBERS

PSM1-40N

77707746

SURGE PROTECTION DEVICE (SPD) - IEC TECHNICAL FEATURES

Maximum continuous operating voltage (AC) - Uc [V]	265
Nominal voltage AC 50-60 Hz - Un [V]	Neutral
Nominal discharge current (8/20)- In [kA]	20
Max Discharge Current (8/20) - Imax [kA]	40
Voltage protection level at In - Up [kV]	≤1,5
Short circuit withstand- Iscrr [kA]	25
Following current - Ifi [A]	100
Response time - tA [ns]	≤100
Thermal protection behaviour	OCM (Open Circuit Mode)

SURGE PROTECTION DEVICE (SPD) - UL TECHNICAL FEATURES

Nominal discharge current (8/20) - In [kA]	20
Maximum continuous operating voltage - MCOV (N-G) [V]	277
Voltage protection rating - VPR (N-G) [V]	700

MECHANICAL AND ENVIRONMENTAL FEATURES

Temperature range [°C]	-40 ... 85
Humidity range [%]	5 ... 95
Indication System Type	Green (OK) / Not green (replace)
Insulating material	PA66 CT1
Enclosure - IP	IP20
Flammability class	UL94 V-0
Solid conductor cross section	6...35 mm ²
Stranded conductor cross section	6...25 mm ²
Torque rating [N m]	3

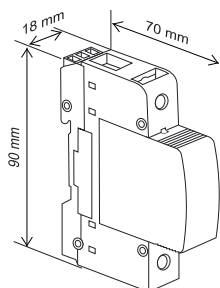
DATASHEET

This document is subject to change at any time without notice www.cirprotec.com | Lepanto 49 · 08223 Terrassa, Barcelona Spain © 2024 Cirprotec SLU | All rights reserved

cirprotec

PSM 40 0+1

DIMENSIONS AND WEIGHT



Net Weight [kg]	0.1
Gross weight [kg]	0.123
Packaging dimensions (H x W x L) [mm]	117 × 24 × 90

INTERNAL CONFIGURATION



DATASHEET

This document is subject to change at any time without notice www.cirprotec.com | Lepanto 49 · 08223 Terrassa, Barcelona Spain © 2024 Cirprotec SLU | All rights reserved