

PSC 25 4+0

Power Line SPDs

DIN RAIL - IEC TYPE 1+2



General Data

Internal configuration	4+0
No. Poles	4-Pole
No. DIN rail modules	8
Network configuration	TNS
IEC SPD Type	Class I+II
EN SPD Type	Type 1+2
Format	Pluggable
Protection Modes	L-PE / N-PE
Product standards	IEC 61643-11; EN 61643-11



PART NUMBERS

PSC4-25/230 TNS IR

77738471

SURGE PROTECTION DEVICE (SPD) - IEC TECHNICAL FEATURES

Maximum continuous operating voltage (AC) - U_c [V]	150
Nominal voltage AC 50-60 Hz - U_n [V]	120/208
Nominal discharge current (8/20)- I_n [kA]	25
Max Discharge Current (8/20) - I_{max} [kA]	100
Lightning impulse current (10/350) - I_{imp} [kA]	25
Voltage protection level at I_n - U_p [kV]	$\leq 0,9$
Short circuit withstand- I_{scwr} [kA]	25
Response time - t_A [ns]	≤ 25
Thermal protection behaviour	OCM (Open Circuit Mode)

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
Remote indication conductor cross section [mm ²]	0.08 ... 0.08
Remote indication switching capacity [V/A]	AC: 125/0.2 DC: 250/1
Remote Indication Torque [N m]	0.2

DATASHEET

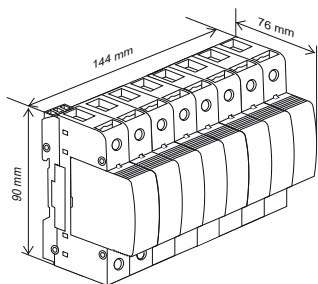
This document is subject to change at any time without notice www.cirprotec.com | Lepanto 49 · 08223 Terrassa, Barcelona Spain © 2024 Cirprotec SLU | All rights reserved

cirprotec

PSC 25 4+0

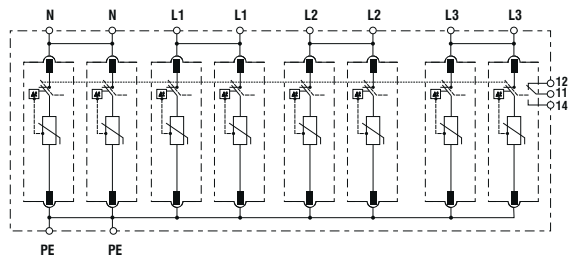
Power Line SPDs
DIN RAIL - IEC TYPE 1+2

DIMENSIONS AND WEIGHT



Net Weight [kg]	1.395
Gross weight [kg]	1.45
Packaging dimensions (H x W x L) [mm]	145 x 136 x 86

INTERNAL CONFIGURATION



REPLACEMENT CARTRIDGES

PSC-25/230 (Line)	77738611
-------------------	----------

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