

PSC 12,5 25N

Power Line SPDs

DIN RAIL - IEC TYPE 1+2



General Data

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



PART NUMBERS

PSC1-25N

77738180

SURGE PROTECTION DEVICE (SPD) - IEC TECHNICAL FEATURES

Maximum continuous operating voltage (AC) - U_c [V]	255
Nominal voltage AC 50-60 Hz - U_n [V]	Neutral
Nominal discharge current (8/20) - I_n [kA]	25
Max Discharge Current (8/20) - I_{max} [kA]	65
Lightning impulse current (10/350) - I_{imp} [kA]	25
Voltage protection level at I_n - U_p [kV]	$\leq 1,5$
Short circuit withstand- I_{scsr} [kA]	25
Following current - I_{fi} [A]	100
Response time - t_A [ns]	≤ 100
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

DATASHEET

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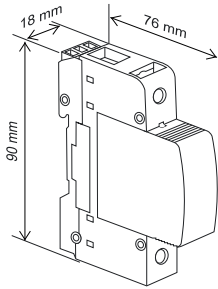
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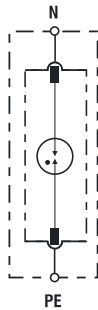
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DIMENSIONS AND WEIGHT



Net Weight [kg]	0.112
Gross weight [kg]	0.136
Packaging dimensions (H x W x L) [mm]	117 × 24 × 90

INTERNAL CONFIGURATION



REPLACEMENT CARTRIDGES

PSC-25N(Neutral)	77738613
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