

# PSC 12,5 50N

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

PSC1-50N

77738182

## 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]	50
Max Discharge Current (8/20) - $I_{max}$ [kA]	65
Lightning impulse current (10/350) - $I_{imp}$ [kA]	50
Voltage protection level at $I_n$ - $U_p$ [kV]	$\leq 1,5$
Short circuit withstand- $I_{sc cr}$ [kA]	25
Following current - $I_{fi}$ [A]	100
Response time - $t_A$ [ns]	$\leq 100$
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 <sup>2</sup>
Stranded conductor cross section	6...25 mm <sup>2</sup>
Torque rating [N m]	3

## DATASHEET

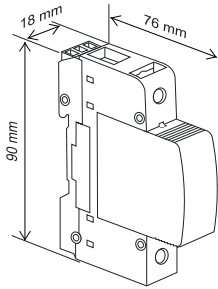
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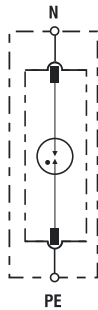
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## DIMENSIONS AND WEIGHT



Net Weight [kg]	0.143
Gross weight [kg]	0.166
Packaging dimensions (H x W x L) [mm]	117 × 24 × 90

## INTERNAL CONFIGURATION



## REPLACEMENT CARTRIDGES

PSC-50N(Neutral)	77738614
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## DATASHEET

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