

# PSC 25 100N

Power Line SPDs

DIN RAIL - IEC TYPE 1+2



## General Data

Internal configuration	0+1
No. Poles	1-Pole
No. DIN rail modules	2
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

PSC1-100N

77738183

## SURGE PROTECTION DEVICE (SPD) - IEC TECHNICAL FEATURES

Maximum continuous operating voltage (AC) - Uc [V]	255
Nominal voltage AC 50-60 Hz - Un [V]	Neutral
Nominal discharge current (8/20)- In [kA]	50
Max Discharge Current (8/20) - Imax [kA]	100
Lightning impulse current (10/350) - Iimp [kA]	100
Voltage protection level at In - Up [kV]	≤1,5
Short circuit withstand- Isccr [kA]	25
Following current - Ifi [A]	100
Response time - tA [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 <sup>2</sup>
Stranded conductor cross section	6...25 mm <sup>2</sup>
Torque rating [N m]	3

## DATASHEET

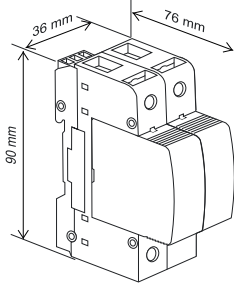
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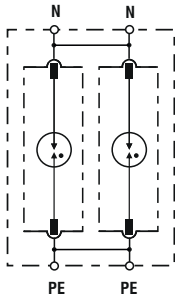
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## DIMENSIONS AND WEIGHT



Net Weight [kg]	0.296
Gross weight [kg]	0.329
Packaging dimensions (H x W x L) [mm]	117 x 42 x 90

## INTERNAL CONFIGURATION



## REPLACEMENT CARTRIDGES

PSC-50N2(Neutral)	77738616
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## DATASHEET