

# CSH 25 0+1

Power Line SPDs

DIN RAIL - IEC TYPE 1



## General Data

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



## PART NUMBERS

CSH1-100N

77738030

## 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]	100
Lightning impulse current (10/350) - $I_{imp}$ [kA]	100
Voltage protection level at $I_n$ - $U_p$ [kV]	$\leq 2$
Short circuit withstand- $I_{scw}$ [kA]	25
Following current - $I_{fi}$ [A]	100
Response time - $t_A$ [ns]	$\leq 100$

## MECHANICAL AND ENVIRONMENTAL FEATURES

Temperature range [°C]	-40 ... 85
Humidity range [%]	5 ... 95
Insulating material	PC+GF
Housing color	Grey RAL 7035
Enclosure - IP	IP20
Flammability class	UL94 V-0
Solid conductor cross section	16...35 mm <sup>2</sup>
Stranded conductor cross section	16...25 mm <sup>2</sup>
Torque rating [N m]	4

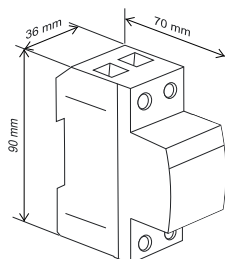
## DATASHEET

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## DIMENSIONS AND WEIGHT



Net Weight [kg]	0.315
Gross weight [kg]	0.351
Packaging dimensions (H x W x L) [mm]	117 × 42 × 90

## INTERNAL CONFIGURATION

