

# CSH 25 1+0

Power Line SPDs  
DIN RAIL - IEC TYPE 1



## General Data

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



## PART NUMBERS

CSH1-25/230

77738022

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

Maximum continuous operating voltage (AC) - Uc [V]	275
Nominal voltage AC 50-60 Hz - Un [V]	230
Nominal discharge current (8/20)- In [kA]	25
Lightning impulse current (10/350) - Iimp [kA]	25
Voltage protection level at In - Up [kV]	≤1,5
Maximum back-up fuse [A [gG]]	315
Short circuit withstand- Isccr [kA]	50
Following current - Ifl [kA]	50
Response time - tA [ns]	≤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

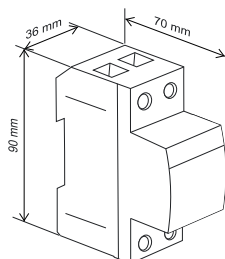
## DATASHEET

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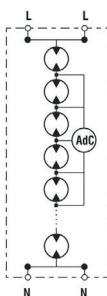
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## DIMENSIONS AND WEIGHT



Net Weight [kg]	0.262
Gross weight [kg]	0.287
Packaging dimensions (H x W x L) [mm]	117 × 42 × 90

## INTERNAL CONFIGURATION



## DATASHEET