

# CSH 25 3+1

Power Line SPDs

DIN RAIL - IEC TYPE 1



## General Data

Internal configuration	3+1
No. Poles	4-Pole
No. DIN rail modules	9
Network configuration	TT, TNS
IEC SPD Type	Class I
EN SPD Type	Type 1
Format	Monobloc
Protection Modes	L-N / N-PE
Product standards	IEC 61643-11; EN 61643-11



## PART NUMBERS

CSH4-25/400 TT

77738042

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

Maximum continuous operating voltage (AC) - Uc (L-N) [V]	275
Maximum continuous operating voltage (AC) - Uc (N-PE) [V]	255
Nominal voltage AC 50-60 Hz - Un [V]	230/400
Nominal voltage AC 50-60 Hz - Un(L-N) [V]	230
Nominal discharge current (8/20)- In [kA]	25
Nominal discharge current (8/20) - In (L-N) [kA]	25
Lightning impulse current (10/350) - Iimp (L-N) [kA]	25
Lightning impulse current (10/350) - Iimp (N-PE) [kA]	100
Voltage protection level at In - Up (L-N) [kV]	≤1,5
Voltage protection level at In - Up (N-PE) [kV]	≤2
Maximum back-up fuse [A [gG]]	315
Short circuit withstand- Iscsr [kA]	50
Following current - Ifi [kA]	50 (L-N); 0,1 (N-PE)
Response time - tA (L-N) [ns]	≤100
Response time - tA (N-PE) [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

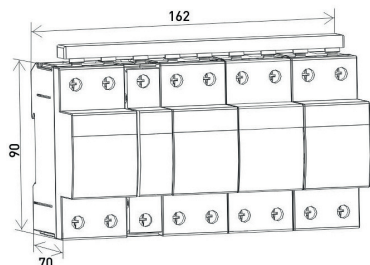
## DATASHEET

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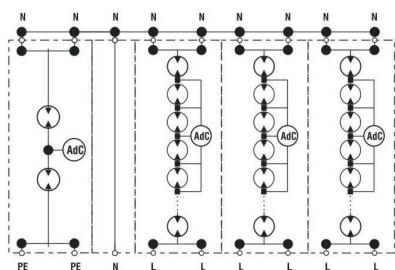
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## DIMENSIONS AND WEIGHT



Net Weight [kg]	1.165
Gross weight [kg]	1.317
Packaging dimensions (H x W x L) [mm]	201 x 142 x 124

## INTERNAL CONFIGURATION



## DATASHEET