

CS 40 0+1

Power Line SPDs
DIN RAIL - IEC TYPE 2



General Data

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



PART NUMBERS

CS1-40N

77705151

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]	20
Max Discharge Current (8/20) - I_{max} [kA]	40
Voltage protection level at I_n - U_p [kV]	≤1,5
Short circuit withstand- I_{sc} [kA]	25
Following current - I_{fi} [A]	100
Response time - t_A [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	6...35 mm ²
Stranded conductor cross section	6...25 mm ²
Torque rating [N m]	4

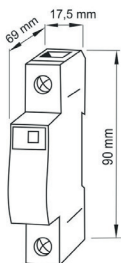
DATASHEET

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DIMENSIONS AND WEIGHT



Net Weight [kg]	0.078
Gross weight [kg]	0.09
Packaging dimensions (H x W x L) [mm]	117 × 24 × 90

INTERNAL CONFIGURATION

