

CS 40 1+0

Power Line SPDs
DIN RAIL - IEC TYPE 2



General Data

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



PART NUMBERS

XXX	230	400
CS1-40/XXX	77705125	77705130
CS1-40/XXX IR (with Remote Indication)	77705126	77705131

SURGE PROTECTION DEVICE (SPD) - IEC TECHNICAL FEATURES

CS1-40/XXX, CS1-40/XXX IR (with Remote Indication)	230	400
Maximum continuous operating voltage (AC) - U _c [V]	275	440
Nominal voltage AC 50-60 Hz - U _n [V]	230	400
Nominal discharge current (8/20)- I _n [kA]	20	15
Max Discharge Current (8/20) - I _{max} [kA]		40
Voltage protection level at I _n - U _p [kV]	≤1,3	≤1,8
Maximum back-up fuse [A [gG]]		80
Short circuit withstand- I _{sc} [kA]		25
Response time - t _A [ns]		≤25

MECHANICAL AND ENVIRONMENTAL FEATURES

CS1-40/XXX, CS1-40/XXX IR (with Remote Indication)	230	400
Temperature range [°C]		-40 ... 85
Humidity range [%]		5 ... 95
Indication System Type		LED
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

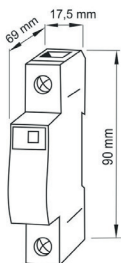
DATASHEET

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DIMENSIONS AND WEIGHT



CS1-40/XXX CS1-40/XXX IR (with Remote Indication)	230	400
Net Weight [kg]	0.09	0.101
Gross weight [kg]	0.113	0.125
Packaging dimensions (H x W x L) [mm]	117 × 24 × 90	

INTERNAL CONFIGURATION

