

CSF21 FB

LED Lighting SPDs

DIN RAIL - IEC TYPE 2+3 for Fusebox



General Data

Internal configuration	1+1
No. Poles	2-Pole
No. DIN rail modules	1
Network configuration	TT, TNS
IEC SPD Type	Class II + III
EN SPD Type	Type 2+3
Format	DIN
Protection Modes	L-N / N-PE
Product standards	IEC 61643-11; EN 61643-11



PART NUMBERS

CSF21-10/230 FB

77704120

SURGE PROTECTION DEVICE (SPD) - IEC TECHNICAL FEATURES

Maximum continuous operating voltage (AC) - Uc (L-N) [V]	320
Maximum continuous operating voltage (AC) - Uc (N-PE) [V]	255
Nominal voltage AC 50-60 Hz - Un [V]	230
Nominal voltage AC 50-60 Hz - Un(L-N) [V]	230
Nominal discharge current (8/20) - In (L-N) [kA]	5
Nominal discharge current (8/20) - In (N-PE) [kA]	5
Max Discharge Current (8/20) - I _{max} (L-N) [kA]	10
Max Discharge Current (8/20) - I _{max} (N-PE) [kA]	10
Max Discharge Current (8/20) - I _{max} (L-PE) [kA]	10
Rated current load - IL [A]	2.5
Voltage protection level at In - Up (L-N) [kV]	≤1,5
Voltage protection level at In - Up (N-PE) [kV]	≤1,8
Short circuit withstand- I _{scrr} [kA]	10
Response time - t _A (L-N) [ns]	≤25
Response time - t _A (N-PE) [ns]	≤100
Dynamic thermal disconnection	Yes

MECHANICAL AND ENVIRONMENTAL FEATURES

Temperature range [°C]	-40 ... 80
Indication System Type	LED
Insulating material	PA6 CT1
Housing color	Grey RAL 7035
Enclosure - IP	IP20
Flammability class	UL94 V-0
Solid conductor cross section	0,7...2,5 mm ²
Stranded conductor cross section	0,7...2,5 mm ²
Torque rating [N m]	0.5

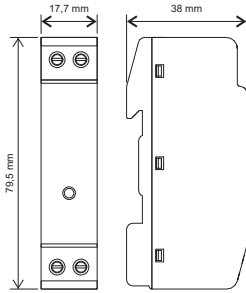
DATASHEET

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DIMENSIONS AND WEIGHT



Net Weight [kg]	0.061
Gross weight [kg]	0.085
Packaging dimensions (H x W x L) [mm]	117 × 24 × 90

INTERNAL CONFIGURATION

