

NSS C2 PP

LED Lighting SPDs

Outdoor LED - Luminarie - TYPE 2+3



General Data

| | |
|------------------------|---------------------------|
| Internal configuration | C2 |
| Network configuration | TT, TN, IT |
| IEC SPD Type | Class II + III |
| EN SPD Type | Type 2+3 |
| Format | Hardwired |
| Product standards | IEC 61643-11; EN 61643-11 |



PART NUMBERS

NSS-10/230-C2-PP

77708776

SURGE PROTECTION DEVICE (SPD) - IEC TECHNICAL FEATURES

| | |
|---|------------|
| Maximum continuous operating voltage (AC) - U_c [V] | 320 |
| Nominal voltage AC 50-60 Hz - U_n [V] | 230/400 |
| Nominal voltage AC 50-60 Hz - $U_n(L-N)$ [V] | 230 |
| Nominal discharge current (8/20)- I_n [kA] | 5 |
| Max Discharge Current (8/20) - I_{max} [kA] | 10 |
| Rated current load - I_L [A] | 5 |
| Voltage protection level at I_n - U_p [kV] | $\leq 1,5$ |
| Combined Discharge Voltage (1,2/50) (U_{oc}) [kV] | 10 |
| Maximum back-up fuse [A [gG]] | 25 |
| Short circuit withstand- I_{scsr} [kA] | 10 |
| Response time - t_A (L-N) [ns] | ≤ 25 |
| TOV 5s (LV systems, withstand)- $U_t(L-N)$ [V] | 337 |
| TOV 120min (LV systems, withstand) - U_t (L-N) [V] | 442 |
| Dynamic thermal disconnection | Yes |

MECHANICAL AND ENVIRONMENTAL FEATURES

| | |
|----------------------------------|---------------------------|
| Temperature range [°C] | -40 ... 85 |
| Indication System Type | LED |
| Insulating material | PA66 CT1 |
| Enclosure - IP | IP20 |
| Flammability class | UL94 V-0 |
| Wire Connections | Push in (in and out) |
| Solid conductor cross section | 0,5...4 mm ² |
| Stranded conductor cross section | 0,5...1,5 mm ² |

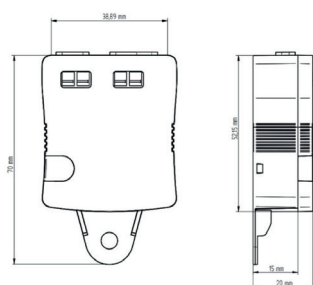
DATASHEET

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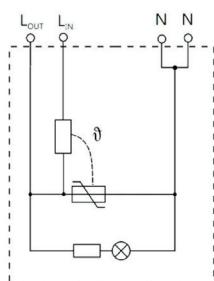
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DIMENSIONS AND WEIGHT



| | |
|---------------------------------------|-----------------|
| Net Weight [kg] | 0.036 |
| Gross weight [kg] | 0.037 |
| Packaging dimensions (H x W x L) [mm] | 400 × 240 × 105 |

INTERNAL CONFIGURATION



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