

# NSS C4 PP

LED Lighting SPDs

Outdoor LED - Luminarie - TYPE 2+3



## General Data

Internal configuration	C4
Network configuration	TT, TN
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-C4-PP

77705975

## 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]	230/400
Nominal voltage AC 50-60 Hz - Un(L-N) [V]	230
Nominal discharge current (8/20)- In [kA]	5
Nominal discharge current (8/20) - In (L-N) [kA]	5
Max Discharge Current (8/20) - I <sub>max</sub> (L-N) [kA]	10
Rated current load - IL [A]	5
Voltage protection level at In - Up [kV]	≤1,5
Voltage protection level at In - Up (L-N) [kV]	≤1,5
Voltage protection level at In - Up (L-PE) [kV]	≤1,8
Voltage protection level at In - Up (N-PE) [kV]	≤1,8
Combined Discharge Voltage (1,2/50) (Uoc) [kV]	10
Maximum back-up fuse [A [gG]]	25
Short circuit withstand- I <sub>scCR</sub> [kA]	10
Residual current- I <sub>pe</sub> [μA]	<10
Response time - t <sub>A</sub> (L-N) [ns]	≤25
Response time - t <sub>A</sub> (N-PE) [ns]	≤100
TOV 5s (LV systems, withstand) - Ut [V]	442
TOV 5s (LV systems, withstand)- Ut(L-N) [V]	337
TOV 120min (LV systems, withstand) - Ut (L-N) [V]	442
TOV 200ms (HV systems, withstand)- Ut [V]	1455
Dynamic thermal disconnection	Yes

## MECHANICAL AND ENVIRONMENTAL FEATURES

Temperature range [°C]	-40 ... 85
Indication System Type	LED

## DATASHEET

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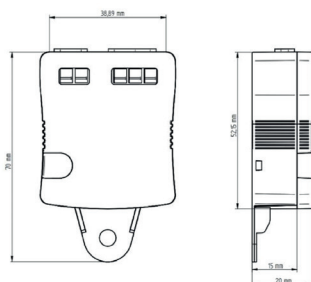
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Continue MECHANICAL AND ENVIRONMENTAL FEATURES

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 <sup>2</sup>
Stranded conductor cross section	0,5...1,5 mm <sup>2</sup>

## DIMENSIONS AND WEIGHT



Net Weight [kg]	0.038
Gross weight [kg]	0.039
Packaging dimensions (H x W x L) [mm]	400 x 240 x 105

## INTERNAL CONFIGURATION

