

# NSS-10/230-C12-P

77705868



[Link to the product page](#)

**SPD Surge protection device, Type 2+3 / Class II+III, 2 poles, (L1-L2-GND), 10 kA (8/20), 230 / 400 V, aerial.**

Technical Data	Value	Units
<b>Commercial data</b>		
Code	77705868	
Part Number	NSS-10/230-C12-P	
Status	Available	
EAN	8435297853534	
Tariff code (HS)	8536.30.90	
Packaging height	352	[mm]
Packaging width	17	[mm]
Packaging length	45	[mm]
Packaging weight	79	[gr]
<b>Technical features</b>		
No. poles	2	
Installation	(L1-L2-GND)	
Format	Aerial	
Network configuration	TT, TN, IT	
Product standards	IEC 61643-11; EN 61643-11; IEE/ANSI C62.41.2	
Certifications	CE; RoHs; CB scheme	
Designation according to EN 61643-11	Type 2+3	
Designation according to IEC 61643-11	Clase II+III	ES
Location category as per IEE/ANSI C62.41.2	C-High 10 kV / 10 kA	
Supply voltage	230 / 400 [V]	

Nominal voltage AC 50-60 Hz (L-N)	Un (L-N)	<b>230</b>	[V]
Load current AC 50-60 Hz	IL	<b>10</b>	[A]
Maximum continuous operating voltage (L1-L2)	Uc (L1-L2)	<b>320</b>	[V]
Maximum continuous operating voltage (L1/L2-GND)	Uc (L1/L2-GND)	<b>420</b>	[V]
Maximum discharge current (8/20) (L1-L2)	I <sub>max</sub> (L1-L2)	<b>10</b>	[kA]
Nominal discharge current (8/20) (L1-L2)	I <sub>n</sub> (L1-L2)	<b>5</b>	[kA]
Voltage protection level (L1-L2) at I <sub>n</sub>	U <sub>p</sub> (L1-L2)	<b>1,5</b>	[kV]
Voltage protection level (L1-L2-GND) at I <sub>n</sub>	U <sub>p</sub> (L1/L2-GND)	<b>1,8</b>	[kV]
Maximum back-up fuse		<b>32</b>	A [gL]
Combined discharge voltage (1,2/50)	U <sub>oc</sub>	<b>10</b>	[kV]
Short circuit withstand	I <sub>cc</sub>	<b>10</b>	[kA]
Response time (L1-L2)	t <sub>A</sub> (L1-L2)	<b>25</b>	[ns]
Response time (L1/L2-GND)	t <sub>A</sub> (L1/L2-GND)	<b>100</b>	[ns]
Luminaries insulation classification		<b>Class I &amp; Class II</b>	
Connection		<b>Series / Parallel</b>	
Remote indication		<b>No</b>	
Visual end of life indication		<b>Visual LED + disconnection</b>	
Residual current	I <sub>GND</sub>	<b>&lt;0,01</b>	[mA]
Dynamic thermal disconnection (L1/L2-GND)		<b>Yes</b>	
Insulating material & flammability class		<b>PA66 CT1; V-0</b>	
Housing color		<b>Grey RAL 7035</b>	
Enclosure		<b>IP 20</b>	
Temperature range		<b>-40 °C ... +80 °C</b>	
Product height		<b>52,5</b>	[mm]
Product width		<b>44,5</b>	[mm]
Product length		<b>20</b>	[mm]
Product weight		<b>67</b>	[gr]

### Wiring of connection circuit

Torque		<b>0,7</b>	[Nm]
Flexible bare wire		<b>5</b>	[mm]
Min. flexible cable section		<b>1,5</b>	[mm <sup>2</sup> ]
Max. flexible conductor section		<b>2,5</b>	[mm <sup>2</sup> ]

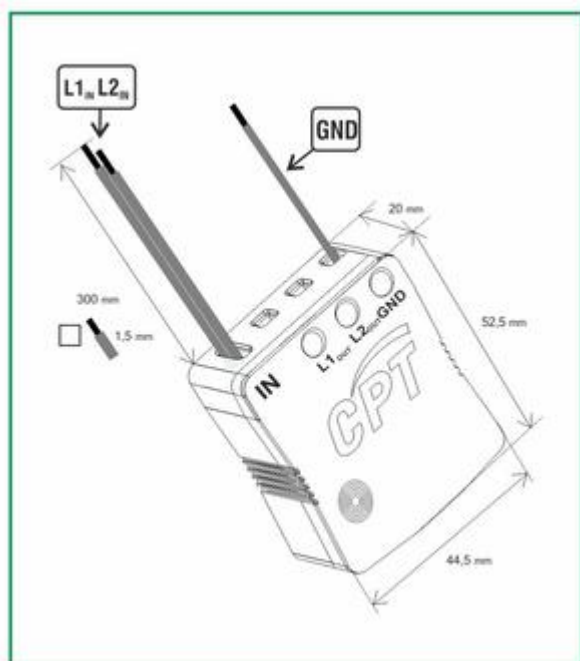
Specification data

Unspecified

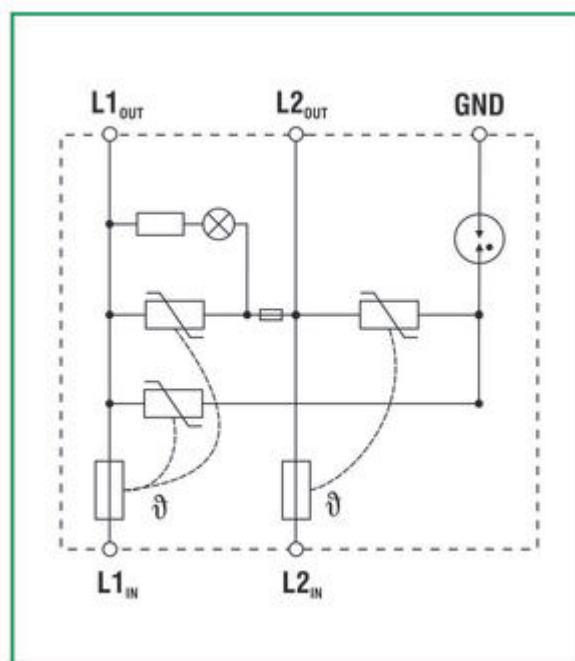
Wiring diagrams

Dimensions

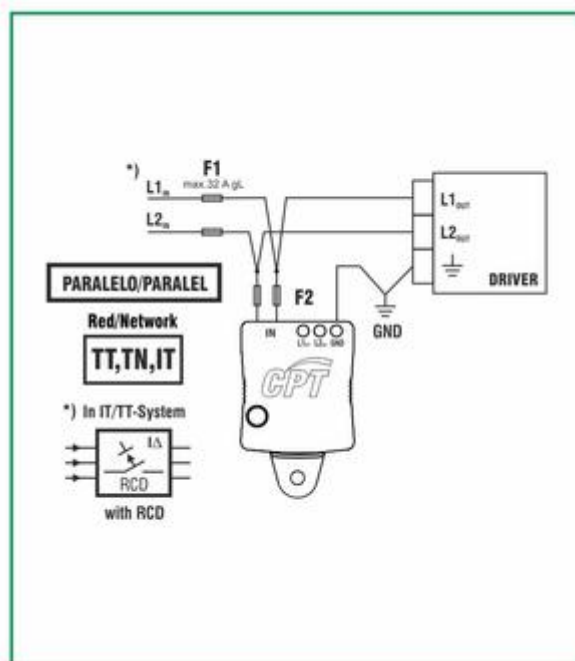
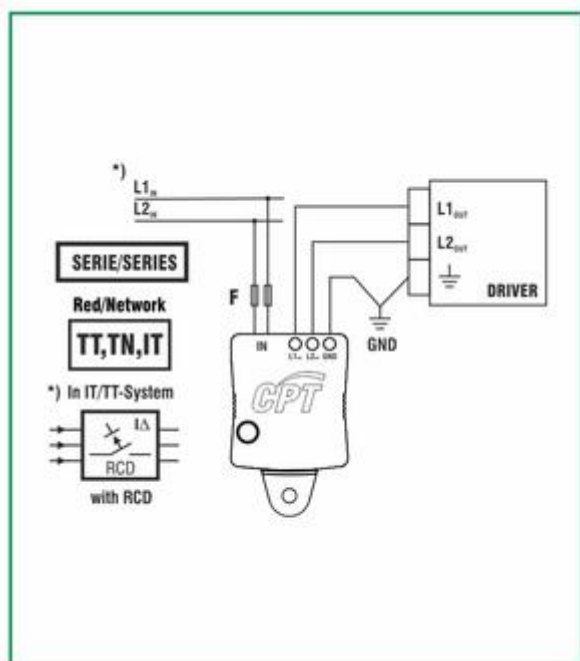
Internal configuration



Wiring diagram



Wiring diagram



Address



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