

# PSL4-8/400 TNS

77708225



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**SPD Surge protection device, Type 3 / Class III, 4 poles (4P), (L1-L2-L3-N-PE), 8 kA (8/20), 6 kV (Uoc), 230 / 400 V, TNS earthing system, 4 modules.**

## Technical Data

Value | Units

### Commercial data

Code	77708225
Part Number	PSL4-8/400 TNS
Status	Available
EAN	8435297834939
Tariff code (HS)	8536.30.90
Packaging height	80 [mm]
Packaging width	80 [mm]
Packaging length	105 [mm]
Packaging weight	415 [gr]
Packaging unit	1

### Technical features

Internal configuration	4P
No. poles	4
No. DIN rail modules	4
Installation	(L1-L2-L3-N-PE)
Format	Pluggable
Network configuration	TT, TNS
Product standards	IEC 61643-1; EN 61643-11
Certifications	CE

Designation according to EN 61643-11		<b>Type 3</b>	
Designation according to IEC 61643-1		<b>Class III</b>	
Supply voltage		<b>230 / 400 [V]</b>	
Nominal voltage AC 50-60 Hz (L-N)	Un (L-N)	<b>230</b>	[V]
Nominal voltage AC 50-60 Hz (L-L)	Un (L-L)	<b>400</b>	[V]
Maximum continuous operating voltage (L-PE)	Uc (L-PE)	<b>320</b>	[V]
Maximum discharge current (8/20) (L-PE)	Imax (L-PE)	<b>8</b>	[kA]
Nominal discharge current (8/20) (L-PE)	In (L-PE)	<b>3</b>	[kA]
Voltage protection level (L-PE) at In	Up (L-PE)	<b>1,1</b>	[kV]
Maximum back-up fuse		<b>63</b>	A [gL]
Combined discharge voltage (1,2/50)	Uoc	<b>6</b>	[kV]
Short circuit withstand	Icc	<b>25</b>	[kA]
Response time (L-PE)	tA	<b>25</b>	[ns]
Remote indication		<b>No</b>	
Visual end of life indication		<b>Yes</b>	
Dynamic thermal disconnection (L-PE)		<b>Yes</b>	
Insulating material & flammability class		<b>PA66 CT1; V-0</b>	
Base element color		<b>Grey anthracite</b>	
Cartridge color		<b>Grey RAL 7035</b>	
Enclosure		<b>IP 20</b>	
Temperature range		<b>-40 °C ... +80 °C</b>	
Product height		<b>90</b>	[mm]
Product width		<b>72</b>	[mm]
Product length		<b>70</b>	[mm]
Product weight		<b>388</b>	[gr]

### Wiring of connection circuit

Torque		<b>4</b>	[Nm]
Min. rigid conductor section		<b>6</b>	[mm <sup>2</sup> ]
Max. rigid conductor section		<b>35</b>	[mm <sup>2</sup> ]
Min. flexible cable section		<b>6</b>	[mm <sup>2</sup> ]
Max. flexible conductor section		<b>25</b>	[mm <sup>2</sup> ]

### More information

More about the product range on page...		<b>27</b>	
... of this catalogue	<a href="#">CPT-Cirprotec-V-OVERVOLTAGE-AND-SURGE-PROTECTION [</a>		4.05 MB ]

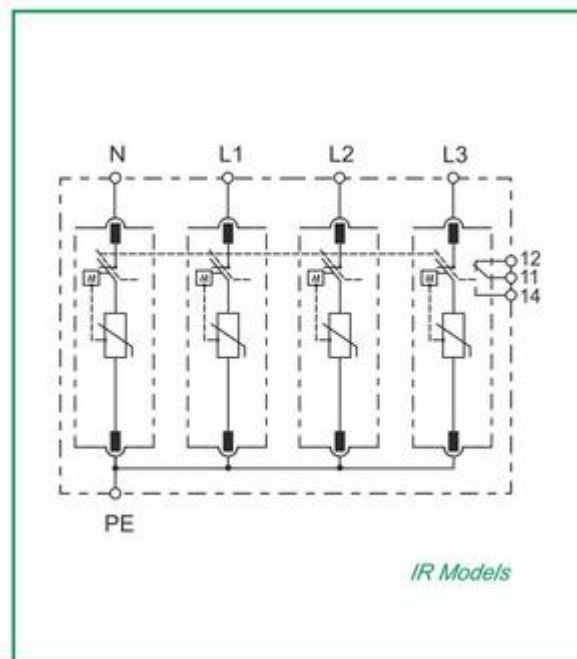
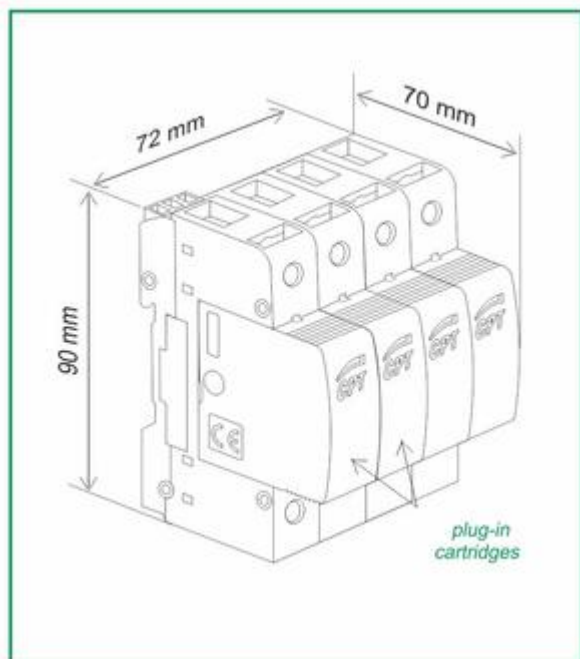
Specification data

Unspecified

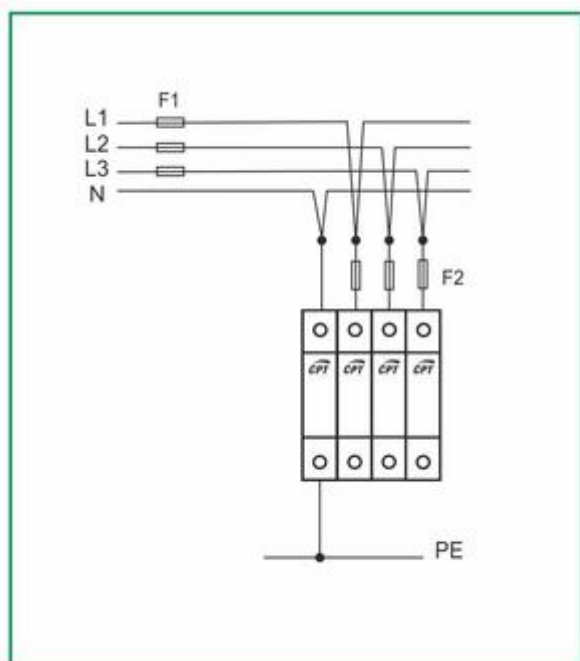
Wiring diagrams

Dimensions

Internal configuration



Wiring diagram



Address



Barcelona

**Cirprotec, S.L.**

C/ Lepanto, 49

08223 - Terrassa (Barcelona)

Tel. +34 937 331 684  
Fax. +34 93 733 27 64  
[www.cirprotec.com](http://www.cirprotec.com)

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