

# PSC4-25/400 TT

77738425



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**Combined SPD - lightning current and surge arrester, Type 1+2 / Class I+II, 4 poles (3P+N), (L1-L2-L3-N-PE), 25 kA (10/350), 230 / 400 V, TT earthing system, 8 modules, pluggable.**

## Technical Data

Value | Units

### Commercial data

Code	77738425	
Part Number	PSC4-25/400 TT	
Status	Available	
EAN	8435297838708	
Tariff code (HS)	8536.30.90	
Packaging height	90	[mm]
Packaging width	105	[mm]
Packaging length	160	[mm]
Packaging weight	1305	[gr]
Packaging unit	1	

### Technical features

Internal configuration	3P+N	
No. poles	4	
No. DIN rail modules	8	
Installation	(L1-L2-L3-N-PE)	
Format	Pluggable	
Network configuration	TT	
Product standards	IEC 61643-1; EN 61643-11	
Certifications	CE	
Designation according to EN 61643-11	Type 1+2	
Designation according to IEC 61643-1	Class I+II	
Supply voltage	230 / 400 [V]	

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-N)	Uc (L-N)	<b>275</b>	[V]
Maximum continuous operating voltage (N-PE)	Uc (N-PE)	<b>255</b>	[V]
Lightning impulse current (10/350) (L-N)	limp (L-N)	<b>25</b>	[kA]
Lightning impulse current (10/350) (N-PE)	limp (N-PE)	<b>100</b>	[kA]
Maximum discharge current (8/20) (L-N)	Imax (L-N)	<b>100</b>	[kA]
Maximum discharge current (8/20) (N-PE)	Imax (N-PE)	<b>100</b>	[kA]
Nominal discharge current (8/20) (L-N)	In (L-N)	<b>25</b>	[kA]
Nominal discharge current (8/20) (N-PE)	In (N-PE)	<b>50</b>	[kA]
Voltage protection level (L-N) at In	Up (L-N)	<b>1,5</b>	[kV]
Voltage protection level (N-PE) at In	Up (N-PE)	<b>1,5</b>	[kV]
Maximum back-up fuse		<b>125</b>	A [gL]
Short circuit withstand	Icc	<b>25</b>	[kA]
Response time (L-N)	tA (L-N)	<b>25</b>	[ns]
Response time (N-PE)	tA (N-PE)	<b>100</b>	[ns]
Following current (N-PE)	I <sub>fi</sub>	<b>100</b>	[A]
Remote indication		<b>No</b>	
Visual end of life indication		<b>Yes</b>	
Dynamic thermal disconnection (L-N)		<b>Yes</b>	
Insulating material & flammability class		<b>PA66 CT1; V-0</b>	
Base element color		<b>Grey anthracite</b>	
Cartridge color		<b>Orange</b>	
Enclosure		<b>IP 20</b>	
Temperature range		<b>-40 °C ... +80 °C</b>	
Product height		<b>90</b>	[mm]
Product width		<b>144</b>	[mm]
Product length		<b>76</b>	[mm]
Product weight		<b>1253</b>	[gr]

### Wiring of connection circuit

Torque		<b>4</b>	[Nm]
Rigid flexible wire		<b>10</b>	[mm]
Min. rigid conductor section		<b>6</b>	[mm <sup>2</sup> ]
Max. rigid conductor section		<b>35</b>	[mm <sup>2</sup> ]
Flexible bare wire		<b>10</b>	[mm]
Min. flexible cable section		<b>6</b>	[mm <sup>2</sup> ]
Max. flexible conductor section		<b>25</b>	[mm <sup>2</sup> ]

### More information

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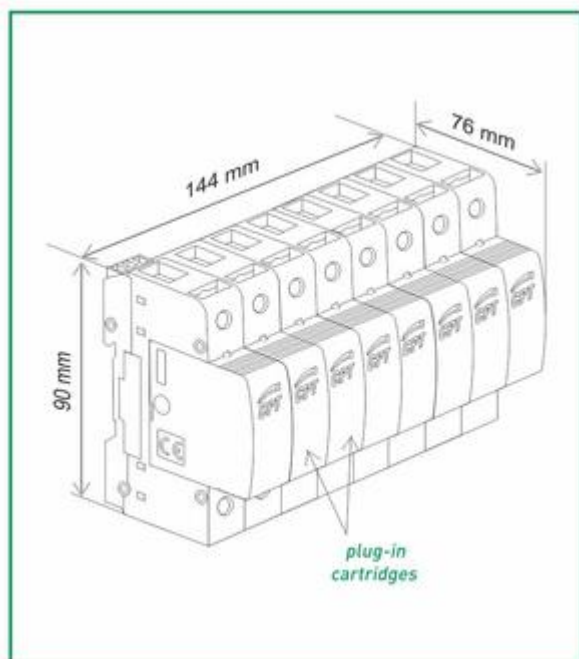
CPT-Cirprotec-V-OVERVOLTAGE-AND-SURGE-PROTECTION [ 4.05 MB ]

Specification data

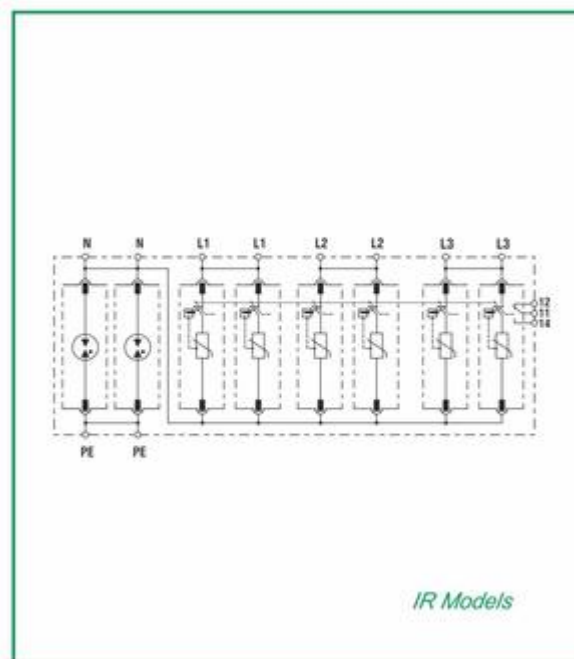
Unspecified

Wiring diagrams

Dimensions



Internal configuration



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