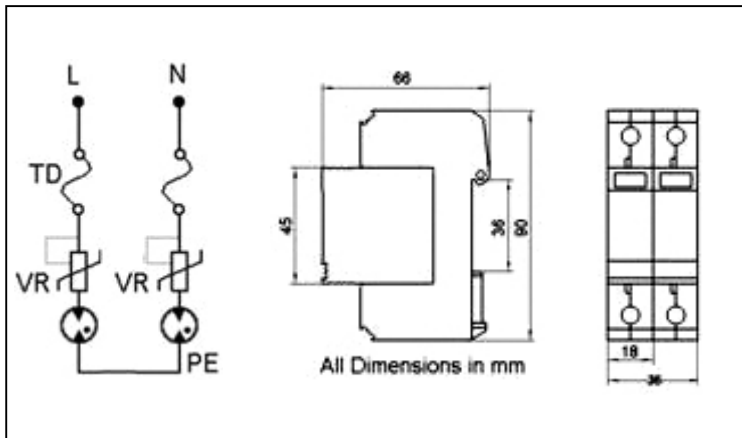


**TYPE: EPT-DS25/30/40/60 2VT**
**Single Phase (2 MOV/GDT in Series Modules)  
Surge Protection Devices**

Surge arrester for low-voltage power supply system protection against surges at the boundaries from lightning protection zone 0<sub>B</sub>-1 and higher.



- Class II (C) arrester in according with IEC61643-1:2001.
- Two part design consisting of base and plug-in protection module.
- High energy MOV (Metal Oxide Varistor) and GDT (Gas Discharge Tube) hybrid unit inside.
- Reliable supervision due to disconnection device.
- Fault indication by red indication flag in window.
- With remote alarm terminal optional.

**Technical Data**

Type	EPT- DS25/xxx-2VT-S										
	75	150	175	275	300	320	385	440	550	600	
In accordance with	IEC61643-1:2001; EN61643-1 2002; UL1449 ed.2										
Category IEC/VDE	II/ C										
Max. continuous operating voltage (AC/DC)	75 /100	150 /200	175 /225	275 /300	300 /385	320 /420	385 /505	440 /585	550 /745	600 /800	
Nominal discharge current(8/20) In	L-N	10KA	10KA	10KA	10KA	10KA	10KA	10KA	10KA	10KA	10KA
	N-PE	10KA	10KA	10KA	10KA	10KA	10KA	10KA	10KA	10KA	10KA
Max. discharge current(8/20) Imax	L-N	25/30/40/60KA									
	N - PE	25KA									
Voltage protection level	@In	0.3KV	0.6KV	0.6KV	1.0KV	1.0KV	1.0KV	1.0KV	1.4KV	2.0KV	2.0KV
	@3KA	0.2KV	0.5KV	0.5KV	0.8KV	0.8KV	0.8KV	0.8KV	1.2KV	1.6KV	1.6KV
Response time	L-N	≤100 ns									
	N-PE	≤100 ns									
Follow current	L-N	No									
	N-PE	No									
Residual current at Uc	L-N	No									
	N-PE	No									
Backup fuse(only required if not already provided in mains)	100A gL/gG										
Operating temperature range	- 40° C ... + 80° C										
Cross-section of connection wire	Single-strand 35mm <sup>2</sup> ; multi-strand 25mm <sup>2</sup>										
Mounting	35mm DIN-rail in accordance with EN 50022/DIN46277-3										
Enclosure material	thermoplastic; extinguishing degree UL94 V-0										
Degree of protection	IP20										
Installation width	2 modules, DIN 43880										
Thermal disconnecter	Internal green – normal red - failure										
Remote alarm contact	Optional										

