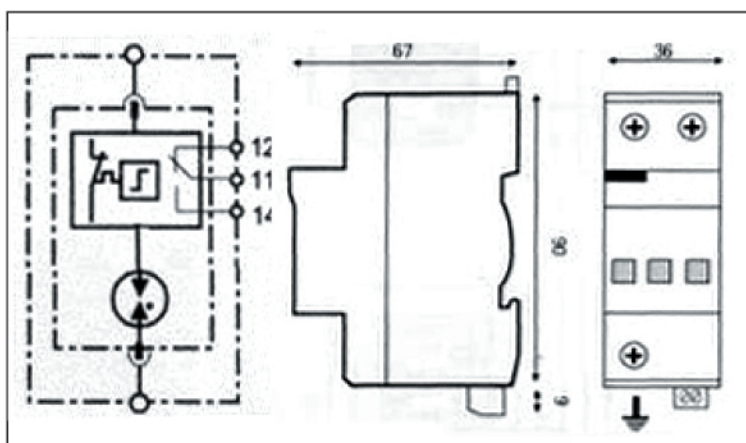


TYPE: EPT-T100/120/150

**GDT Module
Surge Protection Devices**

Surge arrester for low-voltage power supply system protection against surges at the boundaries from lightning protection zone 0_B-1 and higher.



- Class II (C) arrester in according with IEC61643-1:2001.
- Tested with lightning impulse current (10/350) and surge current (8/20) in according with IEC61643- 1:2001.
- Two part design consisting of base and non-pluggable protection module.
- High energy GDT (Gas Discharge Tube) inside.
- Reliable supervision due to disconnection device.
- Fault indication by red indication flag in window.
- No leakage current.
- With remote alarm terminal optional.



Technical Data

Type	EPT T100/120/150			
	150	255	350	440
In accordance with	IEC61643-1:2001			
Category IEC/VDE	II/ C			
Max. continuous operating voltage Uc	150	255	350	440
Nominal discharge current(8/20) In	80KA	80KA	80KA	80KA
Max. discharge current(8/20) I _{max}	100/120/150KA			
Lightning impulse current (10/350) I _{imp}	25KA			
DC Sparkover voltage	350	600	800	1000
Voltage protection level at 1.2/50	0.8KV	1.2KV	1.4KV	1.6KV
Response time	≤100 ns			
Follow current I _f	100Arms			
Residual current at U _c	No			
Insulation resistance	≥10 ³ MΩ			
Operating temperature range	- 40° C ... + 80° C			
Cross-section of connection wire	Single-strand 35mm ² ; multi-strand 25mm ²			
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 module, DIN 43880			
Thermal disconnector	Internal green – normal red - failure			
Remote alarm contact	Optional			
Additional data for Remote Alarm Contacts				
Remote alarm contact type	floating changeover contact			
Switching capability U _N /I _N	AC: 250V/0.5A		DC: 250V/0.1A; 125V/0.2A; 75V/0.5A	
Cross-section of connection wire	Max. 1.5mm ²			