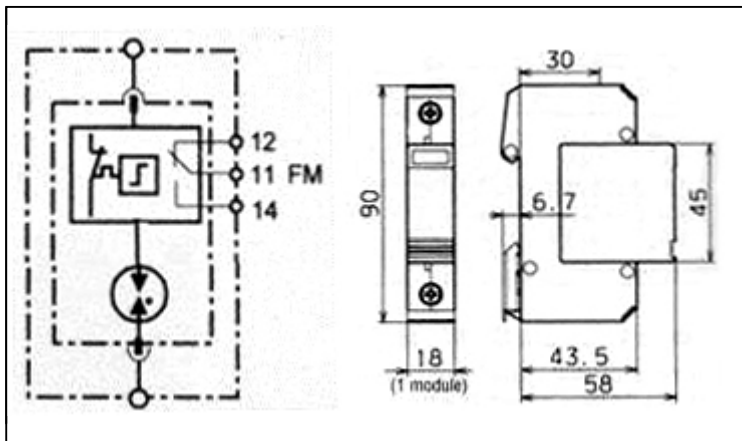


**TYPE: EPT-T30/40/60/80**
**GDT Module  
Surge Protection Devices**

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 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 T30/40/60/80			
	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	25KA	25KA	25KA	25KA
Max. discharge current(8/20) Imax	30/40/60/80KA			
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 If	100Arms			
Residual current at Uc	No			
Insulation resistance	≥10 <sup>3</sup> MΩ			
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	1 module, DIN 43880			
Thermal disconnector	Internal green – normal red - failure			
Remote alarm contact	Optional			
<b>Additional data for Remote Alarm Contacts</b>				
Remote alarm contact type	floating changeover contact			
Switching capability U <sub>N</sub> /I <sub>N</sub>	AC: 250V/0.5A		DC: 250V/0.1A; 125V/0.2A; 75V/0.5A	
Cross-section of connection wire	Max. 1.5mm <sup>2</sup>			

