



## **SPD for Overhead Line**

TPLA40/...F

■ With Disconnecter ■ Overhead Line ■  $I_{max}$  40kA

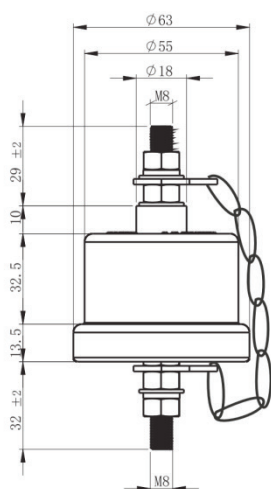


- Used to protect the terminal equipment/ overhead cable against the effects of overvoltages, which can be installed on overhead lines from low voltage bushing insulator of transformer to point of entry of power line into the building.
- High discharge capacity due to heavy-duty metal oxide varistors (MOV)
- Integrated thermal disconnecter to be fail-safe and self-protected in case of overloading
- Fault indication
- Fire retardant and UV resistant housing, suitable for indoor and outdoor use
- Easy installation
- Comply with EN/IEC61643-11, UL 1449 4<sup>th</sup>, IEEE C62.41, CSA C22.2



Part No.		TPLA40 /150F	TPLA40 /175F	TPLA40 /280F	TPLA40 /300F	TPLA40 /320F	TPLA40 /385F	TPLA40 /420F	TPLA40 /440F
Accordance to		IEC61643-11:2011							
Disconnecter		Integrated thermal disconnecter							
Rated Power Frequency		48 - 62 Hz							
Max. Continuous Operating Voltage (AC/DC)	$U_c$	150V / 200V	175V / 225V	280V / 355V	300V / 385V	320V / 420V	385V / 505V	420V / 560V	440V / 590V
Nominal Discharge Current (8/20 $\mu$ s)	$I_n$	20kA							
Max. Discharge Current (8/20 $\mu$ s)	$I_{max}$	40kA							
Voltage Protection Level @ $I_n$	$U_p$	$\leq 0.8kV$	$\leq 0.8kV$	$\leq 1.3kV$	$\leq 1.4kV$	$\leq 1.5kV$	$\leq 1.8kV$	$\leq 2.0kV$	$\leq 2.2kV$
Response Time		$\leq 25ns$							
Operating Temperature Range		- 40°C ~ + 70°C							
Enclosure Material		Thermoplastic; extinguishing degree UL94 V-0							
Electric Strength		$\geq 2500V$ (AC)							
Mounting		Hanging-mount							

■ Dimension Drawing



■ Disconnecter Indication



Normal operating condition



Failed- arrester disconnected