

Compact Multi-pole SPD MPE Mini & MPE Mini LED

Class III • Type 3



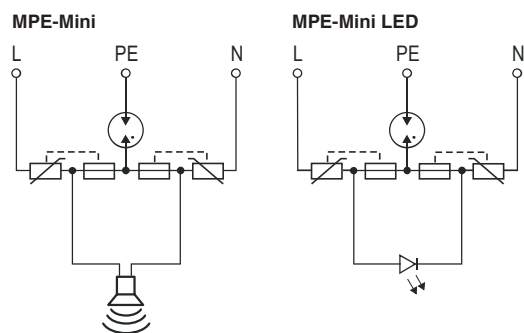
Location of Use: Cable Ducts & Wiring Outlets
 Network Systems: TN-S
 Mode of Protection: L-PE, L-N, N-PE
 Surge Ratings: $U_{oc}/I_{cw} = 6\text{ kV}/3\text{ kA}$
 $I_{max} = 3\text{ kA} (8/20\mu\text{s})$
 IEC/EN Category: Class III / Type 3
 Protective Elements: MOV and GDT
 Safety: Buzzer; LED
 Housing: Compact Design
 Compliance: IEC 61643-11:2011
 EN 61643-11:2012

Technical Data

	MPE-Mini	MPE-Mini LED
Electrical		
Nominal AC Voltage (50/60 Hz)	U_o	230V
Maximum Continuous Operating Voltage (AC)	U_c	275V
Open Circuit Voltage of the Combination Wave Generator (1.2/50 μs)	U_{oc}	6 kV
Short-Circuit Current of the Combination Wave Generator (8/20 μs)	I_{cw}	3 kA
Voltage Protection Level	(L-N) U_p	1.5 kV
	(L-PE)/(N-PE) U_p	1.7 kV
Response Time	t_A	< 100 ns
Back-Up Fuse (if mains > 16 A)		MCB/B 16 A
Short-Circuit Current Rating	I_{SCCR}	1 kA
TOV withstand 5s	U_T	337 V
Number of Ports		1
Mechanical & Environmental		
Temperature Range	T_a	-40 °C to +85 °C
Permissible Humidity	RH	5%...95%
Conductor Cross Section		1.0 mm ² (stranded)
Mounting		Cable Ducts
Degree of Protection		IP 20
Housing Material		Thermoplastic: Extinguishing Degree UL 94 V-0
Thermal Protection		Yes
Fault Indication	Buzzer	LED
Order Information		
Order Code	MPE-Mini	MPE-Mini LED
MPE-MINI	121 280	
MPE-MINI LED		121 282

MPE Mini & MPE Mini LED

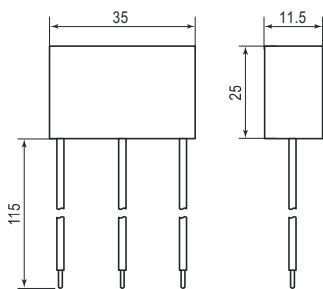
Internal Configuration



Legend

- L Line
- N Neutral
- PE Protective Earth

Dimensions & Packaging [mm]



Dimensions & Packaging

MPE-Mini & MPE-Mini LED

Single Unit Weight	52g
Packaging Dimensions (H x W x L)	305 x 116 x 83 mm
Minimum Order Quantity	30 Units