

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: $U_{oc}/I_{cw} = 6\text{ kV}/3\text{ kA}$
 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

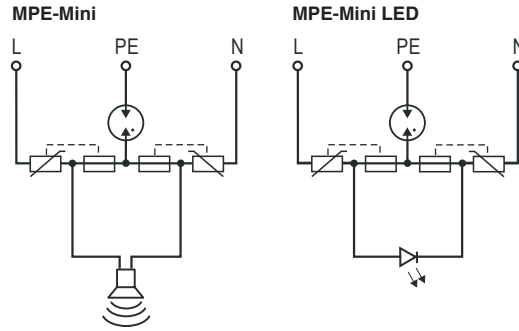
		MPE-Mini	MPE-Mini LED
Electrical			
Nominal AC Voltage (50/60 Hz)	U_o		230V
Maximum Continuous Operating Voltage (AC)	U_c		275V
Open Circuit Voltage of the Combination Wave Generator (1.2/50 μ s)	U_{oc}		6kV
	(L+N-PE) $U_{oc\ total}$		10kV
Short-Circuit Current of the Combination Wave Generator (8/20 μ s)	I_{cw}		3kA
Voltage Protection Level	(L-N) U_p		1.5kV
	(L-PE)/(N-PE) U_p		1.7kV
Response Time	t_A		< 100ns
Back-Up Fuse (if mains > 16A)			MCB/B 16A
Short-Circuit Current Rating	I_{SCCR}		1 kA
TOV withstand 5s	U_T		337V
Number of Ports			1
Mechanical & Environmental			
Temperature Range	T_a		-40 °F to +185 °F [-40 °C to +85 °C]
Permissible Humidity	RH		5%...95%
Conductor Cross Section			17 AWG (Stranded) / 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

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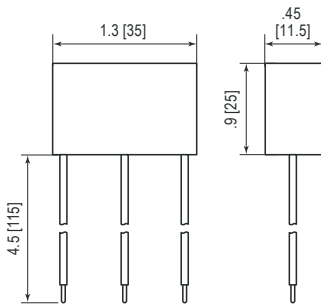
Internal Configuration

Legend

- L Line
- N Neutral
- PE Protective Earth



Dimensions & Packaging [mm]



Dimensions & Packaging

MPE-Mini & MPE-Mini LED

Single Unit Weight	pounds [grams]	0.114 [52]
Packaging Dimensions (H x W x L)		12 x 4.5 x 3.2" [305 x 116 x 83 mm]
Minimum Order Quantity		30 Units

inches
[mm]

Information contained in this document is subject to change at any time without notice.

