

Medium Voltage Surge Protective Device

Medium Voltage SPD (All Models)



Interior



Back



Features:

- Medium Voltage SPD Available in:
1000V
1500V
2500V
3600V
4160V
- Large and Robust MOVs
- Parallel Design with Prewired 5kV Shielded #12 AWG and 1.5" Conduit Hub
- Integrated Per Phase LED Monitoring and Service Required Alerts
- Status Module Contained Inside Enclosure On Panel Behind Door
- Mounting Feet, Stainless Screws, and Stainless Latches Included
- Potted Internals to Prevent Contamination of Critical Components

General Technical Specifications

- Connection Type: Parallel, Pre-wired Wire Lead
- Wire Lead Specifications: 5 Ft of 5kV Shielded #12 AWG
1.50" Internally Threaded Conduit Hub
- Voltage, Phase Configuration: 1000V, Three Phase Delta, (3W+G)
1500V, Three Phase Delta, (3W+G)
2500V, Three Phase Delta, (3W+G)
3600V, Three Phase Delta (3W+G)
4160V, Three Phase Delta (3W+G)
- Maximum Continuous Operating Voltage: 1000V, 1380 VAC (125%);
1500V, 2000 VAC (125%);
2500V, 3300 VAC (125%);
3600V, 4800 VAC (125%);
4160V, 5500 VAC (125%);
- Surge Capacity: 50kA/Mode, 100kA/Phase
- Short Circuit Current Rating (SCCR): MOV Components Rated to SCCR 200kAIC
- Protection Modes: All Available Modes: L-L, L-G
- Operating Frequency Range : 47 - 63 Hz
- Location Type: Suitable for High Energy Applications Including Category A, B, & C High Energy
- Nominal Discharge Current (In): 20 kA
- Status Indication: Per Phase LED Monitoring and Service Required LED, Audible Alarm, Form C Relay
- Enclosure: NEMA 4, 4X, 12, & 13 Rated Polycarbonate Detachable Flange Mounting Bracket Kit Included
- Enclosure Size: 15.25" x 14.00" x 7.22" (7.72" w/ Feet) (H x W x D)
Mounting: 15.25" x 9.50"
- Standards Tested Consistent With: UL-508A Listed
ANSI/IEEE 62.11
IEEE C62.41.2
- Response Time: <0.5 nanoseconds
- Operating Temperature: -40°C to +75°C
- Operating Humidity: 0% to 95% non-condensing
- Warranty: 7 Years

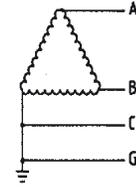
Manufacturer Recommends Best Practice of Installing Behind Fusing or a Breaker

**Unit is not operator serviceable - Do NOT open unit behind Status Panel
Opening unit panel will exposure you to high voltages and may result in serious injury or death - standard Shock Hazard labels will be on the unit.**

Medium Voltage Surge Protective Device

Part Number Ordering Information			
Product ID		Voltage & Phase Configuration	
Code	Medium Voltage SPD Connection	Code	Voltage / Phase
ZMGMV	Pre-Wired 5kV Shielded #12 AWG Wire Lead	10SB	1000V Three Phase Delta*
		15SB	1500V Three Phase Delta*
		25SB	2500V Three Phase Delta*
		30SB	3600V Three Phase Delta*
		40SB	4160V Three Phase Delta*

*Fig. 1



Three Phase Delta, 3 W + G

Example Product Number:

ZMGMV

40SB

= ZMGMV - 40SB
MGMV Dimensional Drawing

