

MMK Series

AC Main Entrance Protection

■ Surge Protection
For Business-Critical Continuity™

Begin your protection strategy with a “Brute Force” surge suppressor. Typically installed at the main service entrance, MMK Series will eliminate harmful power anomalies that damage sensitive equipment.

The MMK Series features Metal Oxide Varistor (MOV) suppression technology for brute-force protection against transient voltages. The latest technology advancement of the MMK Series is the addition of V3 SHIELD™ Technology which provides the lowest possible clamp voltage to peak current performance characteristics available in the market today. V3 SHIELD™ Technology also provides peak pulse current handling far in excess of traditional fused designs. Installed at the main service entrance, MMK Series helps reduce the majority of power anomalies commonly associated with lightning, grid switching, etc., that damage sensitive equipment down-line. It is highly recommended that the MMK Series be combined with our DMK Series to ensure proper level of protection. Combined with a solid grounding system, the MMK Series is an essential part of your total power protection solution.



Features

- High ampacity “Brute Force” protection
- V3 SHIELD™ Technology provides thermal protection against prolonged over-voltage conditions
- V3 SHIELD™ Technology allows actual peak pulse current to be handled by the suppression module, well in excess of traditional fused modules
- Independent visual indication on each module for convenient protection status
- Bi-colored status indicators on each module to show normal or compromised suppression status
- Field-replaceable modules
- Small footprint for easy installation
- Remote failure indication for long distance monitoring
- Interior and exterior enclosures available
- UL 1449 2nd Edition
- Available with optional transient counter and/or N-G protection
- Minimizes lead lengths – excellent performance

Emerson Network Power designs superior Transient Voltage Surge Suppression (TVSS) devices for a variety of field applications. The MMK Series is available with various configurations and energy-handling ratings to ensure the proper level of protection for your application. As part of the total power protection solution, Emerson Network Power provides engineering assistance to configure the appropriate equipment for your individual needs.



Performance Technical Specifications

Base Model	Voltage Configuration	Surge Current Capacity**	Nominal Clamp Voltage	UL-1449 Surge Voltage Rating	Dimensions (WxHxD)	Weight
MMK-B*	120-140 V, 1 Phase	312 kA	230 Vpk	400 L-N	12x14x6 inches 30.5x35.6x15.2 cm	22 lbs 10 kg
MMK-C*	120/208 V, 3 Phase, Wye	312 kA	230 Vpk	400 L-N	12x20x6 inches 30.5x50.5x15.2 cm	30 lbs 13.6 kg
MMK-D	240 V, 1 Phase	312 kA	460 Vpk	700 L-N	12x12x6 inches 30.5x30.5x15.2 cm	16 lbs 7.3 kg
MMK-E	240 V, 3 Phase, Delta	312 kA	460 Vpk	700 L-L	12x20x6 inches 30.5x50.5x15.2 cm	30 lbs 13.6 kg
MMK-F	220/380 V, 3 Phase, Wye	312 kA	460 Vpk	700 L-N	12x20x6 inches 30.5x50.5x15.2 cm	30 lbs 13.6 kg
MMK-G	277/480 V, 3 Phase, Wye	312 kA	460 Vpk	700 L-N	12x20x6 inches 30.5x50.5x15.2 cm	30 lbs 13.6 kg
MMK-H	480 V, 3 Phase, Delta	312 kA	930 Vpk	1500 L-L	12x20x6 inches 30.5x50.5x15.2 cm	30 lbs 13.6 kg
MMK-J	240/415 V, 3 Phase, Wye	312 kA	460 Vpk	700 L-N	12x20x6 Inches 30.5x50.5x15.2 cm	30 lbs 13.6 kg

Notes: NEMA 1 (interior) or NEMA 4 (exterior) enclosures available. All units are UL 1449 listed. Enhanced mode (N-G) protection option available. All units come standard with remote failure indication. Counter option is available with a transient counter (interior enclosure only).

* Currently, the MMK-B Series and MMK-C Series are the only units available with the V3 SHIELD™ Technology. The rest of the MMK Series will be converted to V3 SHIELD™ Technology in the near future.

** Based on actual testing with 8/20µs Transient Current Waveforms.

Emerson Network Power.
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Business-Critical Continuity™

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■ Embedded Power
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■ **Surge Protection**

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