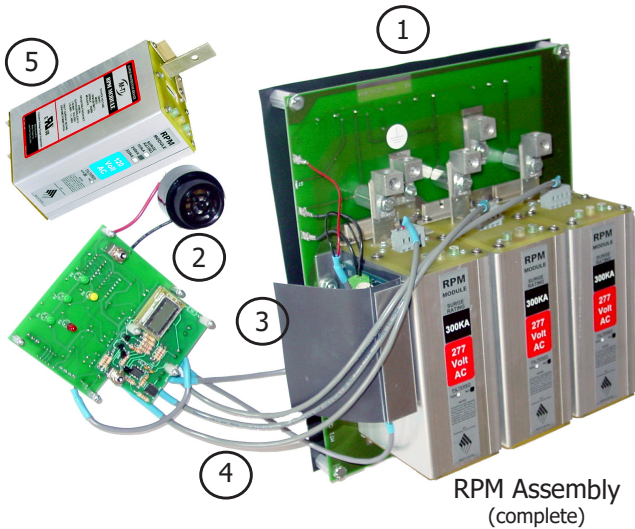


M-Ti RPM Series

Modular Kit Assembly Commercial/ Industrial Surge Protection Devices



RPM Modules are Surge Protection Devices capable of providing **heavy-duty surge protection and filtering for industrial and commercial sites** against the harmful effects of transient energies induced on AC power lines.

The RPM's unique construction allows it to deliver **low clamping voltages** while safely handling large surge currents. It can be incorporated into an OEM or VAR protection design and provided the end enclosure is listed it will maintain its Recognized status as a SPD device. One module per phase is required.

Configured for parallel installation, units cost nothing to maintain and are **easy to up-grade while in service**. All models have a 100kA rms symmetrical fault current rating. The surge suppression function of the RPM is provided by large diameter MOV and "smart sensing" technology. Each module is capable of providing L-N, L-G and N-G protection modes.

On-board **LED indicators** continuously **monitor the operational status** of each protection mode (5 - 10 VDC Supply Required). Additional safety features include color-coded labels and keyed mounting by voltage application. Filtering & remote monitor options available.

<i>RPM Assembly Part</i>	
1	Mounting Board
2	Front Panel Diagnostics
3	Power Supply
4	Cable Assembly
5	RPM Modules

<i>Product Specifications</i>	
Max Surge Current Rating	100, 200, 300kA per Phase
Short Circuit Current	100kA RMS Symmetrical Amps
Diagnostics	LED, Surge Counter, Alarm
Safety Standards	UL1449 (most current)
Fusing	Coordinated Surge & Thermal
Operating Frequency	50/50 Hz
Operating Temperature	-40° to +140° F (-40° to +60° C)

<i>Dimensions & Weight</i>	
RPM Module	6.582" x 4.256" x 2.784" (2.255 lb)
RPM Assembly	12.25" x 10.25" x 5.487" (9.434 lb)

RPM Modules			VPR		
Model Number	Service Voltage	MCOV	L - N	L - G	N - G
RPMXXX/120-W-#-1	120 Volt, Single Phase	150 Vac	600V	600V	500V
RPMXXX/240-D-0-1	240 Volt, Single Phase, Delta	320 Vac	N/A	1000V	N/A
RPMXXX/220-W-#-1	220 Volt, Single Phase	320 Vac	1000V	1000V	1000V
RPMXXX/230-W-#-1	230 Volt, Single Phase	320 Vac	1000V	1000V	1000V
RPMXXX/240-W-#-1	240 Volt, Single Phase, Wye	320 Vac	1000V	1000V	1000V
RPMXXX/277-W-#-1	277 Volt, Single Phase	320 Vac	1000V	1000V	1000V
RPMXXX/480-D-0-1	480 Volt, Single Phase	520 Vac	N/A	1800V	N/A
RPM Kit Assembly					
RPMKITXXX/120-10-#-1/	120 Volt, Single Phase	150 Vac	700V	700V	700V
RPMKITXXX/120-SP-#-1/	120/240 Volt, Split Phase	150 Vac	700V	700V	700V
RPMKITXXX/120-3W-#-1/	120/208 Volt, 3 Phase Wye	150 Vac	700V	700V	700V
RPMKITXXX/120-3H-#-1/	120/240 Volt, 3 Phase HL Delta	150/320 Vac	700/1000V	700/1000V	700V
RPMKITXXX/240-3D-0-1/	240 Volt, 3 Phase Delta	320 Vac	N/A	1000V	N/A
RPMKITXXX/220-3W-#-1/	220/380 Volt, 3 Phase Wye	320 Vac	1000V	1000V	1000V
RPMKITXXX/230-3W-#-1/	230/400 Volt, 3 Phase Wye	320 Vac	1000V	1000V	1000V
RPMKITXXX/240-3W-#-1/	240/415 Volt, 3 Phase Wye	320 Vac	1000V	1000V	1000V
RPMKITXXX/277-3W-#-1/	277/480 Volt, 3 Phase Wye	320 Vac	1000V	1000V	1000V
RPMKITXXX/480-3D-0-1/	480 Volt, 3 Phase Delta	520 Vac	N/A	1800V	N/A

RPM MODULE NOTE: Replace XXX with desired kA rating, per phase: 100 for 100kA, 200 for 200kA or 300 for 300kA. Replace # with F if filtering is required (WYE Models Only).

RPM KIT NOTE: Replace XXX with desired kA rating, per phase: 100 for 100kA, 200 for 200kA or 300 for 300kA. Replace # with F if filtering is required (WYE Models Only). Place an /RM at the end of the part number for the Remote Monitoring option.

All product dimensions provided are ± 0.125

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