

## DR Series—AC DIN Rail Mount with MOV

### OEM Surge Suppression Solutions

#### FEATURES

- Thermally fused MOV
- UL 1449 Recognized
- Visual verification of protection level
- Mounts quickly and easily to DIN Rails
- 90 kA 8/20  $\mu$ s MOV surge current capacity

For DIN rail mount surge suppression, look no further than the DRM Series from ACData. This advanced protection is ideal for mounting inside electronic equipment cabinets to protect sensitive electronics in telecommunication, industrial, medical, and other commercial applications.

Just a single unit wide, this robust module harnesses 90 kA 8/20  $\mu$ s of surge current capacity to provide maximum suppression of load-side power transients. To optimize protection, the high-performance metal oxide varistor (MOV) is thermally fused. Status indicator allows user to assess the in-service protection capability of installed suppressors. Form "C" output is included.



*MOV module mounts quickly and easily to DIN Rails.*



*All ACData surge suppression products are subjected to rigorous testing standards at Ryan Labs™.*



# DR Series AC DIN Rail Mount with MOV

## ELECTRICAL SPECIFICATIONS

Model Number	DRM-120-90	DRM-120M-90	DRM-240-90	DRM-277-90	DRM-347-90	DRM-415-90
Nominal Service Voltage	120 VAC	127 VAC	240 VAC	277 VAC	347 VAC	415 VAC
Maximum Continuous Operating Voltage	140 VAC	175 VAC	275 VAC	320 VAC	385 VAC	460 VAC
Maximum DC Voltage	180 VDC	225 VDC	350 VDC	420 VDC	505 VDC	615 VDC
Clamping/ Let-through Voltage @ 500 A 8/20 $\mu$ s	330 V	500 V	700 V	800 V	900 V	1200 V
Suppression Technology	Metal Oxide Varistor (MOV) (all models)					
Protection Modes	Configurable for: L-N, N-G, and L-G (all models)					
Surge Current Capacity	90 kA 8/20 $\mu$ s	90 kA 8/20 $\mu$ s	90 kA 8/20 $\mu$ s	90 kA 8/20 $\mu$ s	90 kA 8/20 $\mu$ s	90 kA 8/20 $\mu$ s
Electrical Interface	Parallel Connections (all models)					
Operating Frequency	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz

## MECHANICAL SPECIFICATIONS

Weight	3 oz (90 g)	3 oz (90 g)	3 oz (90 g)	3 oz (90 g)	3 oz (90 g)	3 oz (90 g)
Connection Method	Compression lug, # 10 AWG stranded (all models)					
Mounting Method	35 mm DIN	35 mm DIN	35 mm DIN	35 mm DIN	35 mm DIN	35 mm DIN
Storage Temperature	-70° C to +80° C	-70° C to +80° C	-70° C to +80° C	-70° C to +80° C	-70° C to +80° C	-70° C to +80° C
Operating Temperature	-40° C to +80° C	-40° C to +80° C	-40° C to +80° C	-40° C to +80° C	-40° C to +80° C	-40° C to +80° C

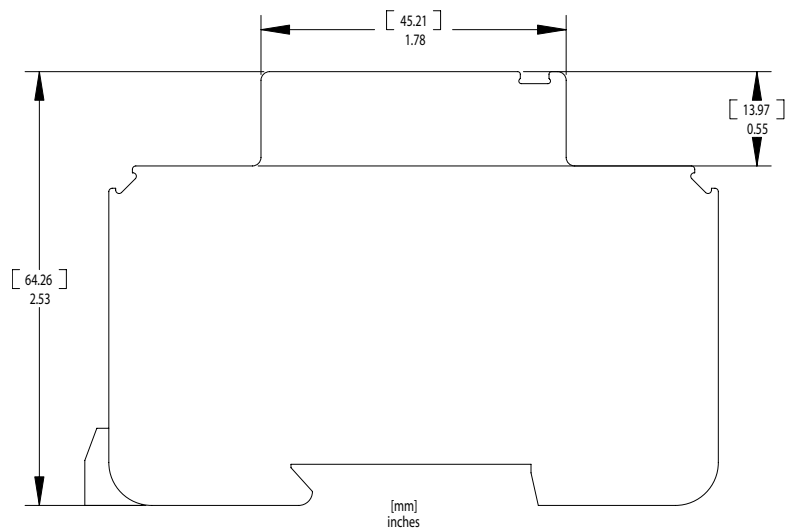
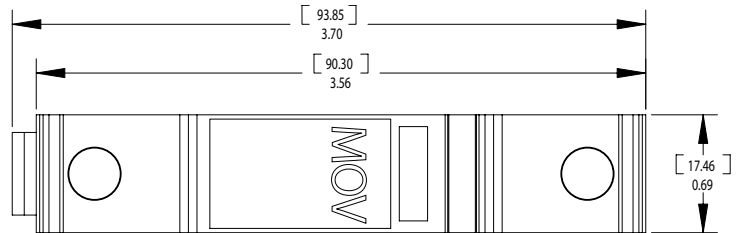
*DIN rails available  
Part number 43880*



From order entry to shipment processing, ACData is committed to customer service and quality.

**ACData**  
SOLUTIONS

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ACData is dedicated to exceeding our customers' expectations by providing quality products, personal service, and responsiveness through communication, responsibility, teamwork and innovation. We are committed to complete customer service through a comprehensive warranty plan, 24 hour customer care, and complete engineering support.