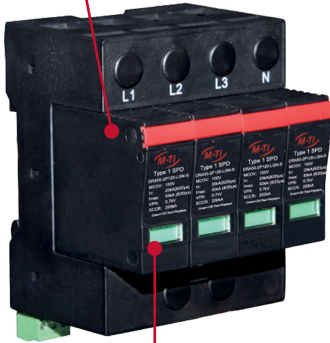


DRA Series

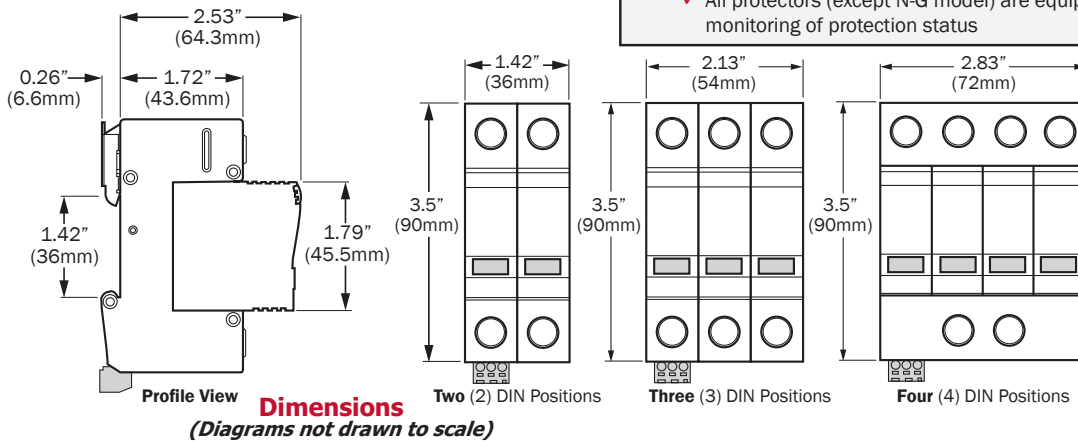
AC Power DIN-Mounted SPD with Replaceable Mods



Replaceable Modules
Tool-Free, Low Maintenance



Window Fault Indicators
per Module / Pole



The Meter-Treater **DRA Series** of Surge Protection Devices (SPDs) are single pole, parallel connected (MOV based technology) Type 1 CA (component assembly) protectors. Designed for use in both Type 1 and 2 locations these units are **ANSI/UL 1449 Recognized**. Each protector module provides 50 kA of Surge protection in a maintenance free, standard DIN profile, **DIN Rail mountable**, IP20 enclosure. The DRA Series are compatible with the EDR Series of environmental DIN Rail enclosures and the DRX Series of DIN Rail mounting solutions.

DRA Series Benefits

- ✓ Replaceable SPD modules eliminate costly, time-consuming replacement wiring
- ✓ Simple snap "in/out" design for module replacement
- ✓ Compact & lightweight yet rugged
- ✓ Visual monitor advises protection status
- ✓ Each protector module's fixed base is "keyed" to ensure proper application
- ✓ All protectors (except N-G model) are equipped with signaling contacts for remote monitoring of protection status



Product Specifications

Max Surge Current (8/20) I_{max}	50 kA	Mounting	35mm DIN-Rail
Short-Circuit Current Rating (SCCR)	200 kA	Relative Humidity	95% noncondensing
On/Off Status ♦	Fault Windows	Follow Current	MOV model: None GDT model: 200A Self Cutoff
Most Current Industry Standards	IP 20	Wire Range	#6-#12 AWG Solid (#2 AWG max) Stranded (#4 AWG max) CU
Repetative Impulse Rating (I_n)	20 kA	Remote Alarm Contacts	NO/NC/C, Isolated Form C
Surge Technology	MOV	Remote Alarm contact capability (Nominal Volts/ Nominal Amps)	AC: 250V/0.5A DC: 250V/0.1A
Operating Temperature	-40 °F to +185 °F (-40 °C to + 85 °C)	Remote Alarm Wire Size	Max # 16 AWG
Operating Frequency	47-63 Hz (50/60 Hz Typ.)		
Response Time	< 1 Nanosecond		
Listings & Certifications	Listed to ANSI/UL 94 V-0		
Warranty	5 Year Limited Product Warranty		

♦ **Fault Indicators:** Green = Good, Red = Replace

Model Number	# of Poles	DIN Positions	Service Voltage	MCOV			VPR		
				L-N	L-G	N-G	L-N	L-G	N-G
DRA50-1P120-S	1	1	Single Phase 120V	150V	150V	-	700V	700V	-
DRA50-1P220-S	1	1	Single Phase 220V	275V	275V	-	1000V	1000V	-
DRA50-1P480-S	1	1	Single Phase 480V	550V	550V	-	1800V	1800V	-
DRA50-2P120-LNG-S	2	2	1Phase 120V	150V	-	150V	700V	-	900V
DRA50-2P277-LGN-S	2	2	1Phase 277V	-	320V	320V	-	1200V	1200V
DRA50-2PS127-S	2	2	2Phase 120/240V	180V	180V	-	1000V	1000V	-
DRA50-2PS240-S	2	2	2Phase 240/480V	320V	320V	-	1200V	1200V	-
DRA50-3P240-S	3	3	3Phase 240V	-	320V	-	-	1200V	-
DRA50-3P480-S	3	3	3Phase 480V	-	550V	-	-	1800V	-
DRA50-3PS127-S	3	3	2Phase 120/240V	180V	180V	180V	1000V	1000V	1000V
DRA50-4P120-S	4	4	3Phase 120/208V	-	150V	150V	-	700V	700V
DRA50-4P277-S	4	4	3Phase 277/480V	-	320V	320V	-	1200V	1200V

DIN Positions: **1 Position** = 18mm

Additional Voltage and Configurations available: Contact us for options.

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