



# DC DIN RAIL TSdi Products Spec Sheet

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## TSdi DC (Parallel Configuration) DIN Rail

Terminal Screw/DIN Rail Mount

## SURGE PROTECTIVE DEVICE (SPD)

It is important to recognize that every wire connected to your equipment, even though it may not be in use, provides a path for harmful surges and transients to reach your sensitive electronic equipment. THOR SYSTEMS offers a wide range of high quality surge protection systems and power quality, site-specific solutions.

THOR SYSTEMS' Series **TSdi** is a general duty, DIN rail mounted, modular DC Surge Protective Device for parallel applications. This UL1449 4th Edition Recognized SPD is designed for power supply and control cabinet protection with DC voltage ratings from 12 to 350 Volts.

### KEY FEATURES & BENEFITS

GENERAL INFORMATION	
Application	<b>DC (Parallel)</b>
Agency Listings	<b>UL Recognized; IEC 61643-1 Compliant</b>
Warranty	<b>1 Year</b>
ELECTRICAL SPECIFICATIONS	
Connection	<b>Terminal Screw</b>
Serviceability	<b>Modular (without base removal)</b>
Monitoring	<b>Fault Indicator/Form C Contact</b>
Wire Size	<b>± #14AWG (Max); Ground #10AWG (Max)</b>
MECHANICAL SPECIFICATIONS	
Dimensions	<b>3.54"L x 0.71"W x 2.64"H</b>
Mounting	<b>Symmetrical DIN Rail</b>



(Module Removed from Base)

### AVAILABLE MODELS & DESCRIPTIONS

Model No.	DC Voltage	MCOV-DC	AC Voltage	MCOV-AC	Surge Current 8/20µs	Fuse Size (If req'd)
TSdi 020R 012 D01M	12	24	9	17	20kA	20 Amps
TSdi 020R 024 D01M	24	38	17	27	20kA	20 Amps
TSdi 030R 048 D01M	48	65	34	46	30kA	20 Amps
TSdi 040R 075 D01M	75	100	53	71	40kA	50 Amps
TSdi 040R 095 D01M	95	125	67	88	40kA	50 Amps
TSdi 040R 110 D01M	110	150	78	106	40kA	50 Amps
TSdi 040R 130 D01M	130	180	N/A	N/A	40kA	50 Amps
TSdi 040R 220 D01M	220	275	N/A	N/A	40kA	50 Amps
TSdi 040R 280 D01M	280	350	N/A	N/A	40kA	50 Amps
TSdi 040R 350 D01M	350	460	N/A	N/A	40kA	50 Amps

### SPARE MODULES & DESCRIPTIONS

TSdi 020R 012 MOD	12V Module Only
TSdi 020R 024 MOD	24V Module Only
TSdi 030R 048 MOD	48V Module Only
TSdi 040R 075 MOD	75V Module Only
TSdi 040R 095 MOD	95V Module Only
TSdi 040R 110 MOD	110V Module Only
TSdi 040R 130 MOD	130V Module Only
TSdi 040R 220 MOD	220V Module Only
TSdi 040R 280 MOD	280V Module Only
TSdi 040R 350 MOD	350V Module Only

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