



Data/Telco Product Spec Sheet

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SERIES TSi

40kA/Mode

DIN RAIL AC SURGE PROTECTIVE DEVICE

To protect the control panels for your single and three phase networks, THOR SYSTEMS' introduces its *Series TSi* Din Rail surge protectors. These products provide common and differential mode protection with an available remote alarm option. The *TSi* module is designed with a plug-in module and a fixed base, allowing for easy access and replacement of protection modules.

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. All of our products are designed to improve efficiency, eliminate downtime, and protect mission-critical electronic equipment. Our solutions are installed in critical locations, i.e. protecting electrical service entrances and distribution systems, as well as data and telecommunications systems.

GENERAL INFORMATION

Application	Electrical Control Panels Single & Three Phase Loads
Configuration	Parallel
Serviceability	Replaceable Modules
Warranty	5 Years

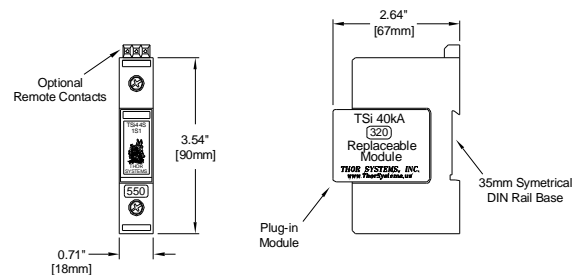
ELECTRICAL SPECIFICATIONS

MCOV	150V, 320V, 550V
Operating Voltage	120V, 240V, 277V, 480V
Peak Surge Current	40kA per Mode
Clamping Voltage 500A 8/20uS	400V @ 120Vac 700V @ 240Vac 800V @ 277Vac 1800V @ 480Vac
Clamping Voltage 10kA 8/20uS	500V @ 120Vac 900V @ 240Vac 1000V @ 277Vac 2100V @ 480Vac
Operating Current	<1mA
Disconnect Devices	Thermal Disconnect (internal)
Fuses	(Provided by User) 30A, J Class Time-Delayed

MECHANICAL SPECIFICATIONS

Enclosure	IP20 UL94-V0 Thermoplastic
Connection Methods	Terminal Screws 4-25mm²/by bus
Operating Temp	-40/+85°C
Operating Altitude	13,000 ft
Mounting	Din Rail, 35mm symmetrical

Series TSi Din Rail



1-Pole Configuration



2-Pole Configuration



3-Pole Configuration



4-Pole Configuration



THOR SYSTEMS continuously strives to improve its products. Occasionally there may be changes in features or optional equipment. All information contained in this printed material is based on the latest product information available at the time of printing. THOR SYSTEMS reserves the right to implement changes, without notice, in specifications and equipment services.