



Data/Telco Product Spec Sheet

THOR SYSTEMS, INC.
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SERIES TSs

20kA Surge Current

SURGE PROTECTIVE DEVICE

THOR SYSTEMS, INC.'s Series TSs product line is a Series rated surge protection device for individual series connected loads. Available in 5, 30, or 60 Amps and single or three phase WYE or Delta configurations, the TSs models provide protection for all sensitive mission critical equipment.

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

Agency Listings	UL1449 2nd Edition, cUL
Application	Individual Sensitive Loads
Configuration	5A, 30A or 60A Series Connected, Hybrid Design
Warranty	5 Years

MECHANICAL SPECIFICATIONS

Enclosure	NEMA 1 Plastic (NEMA 4X option available)
Mounting	External Mounting Feet (Din Rail option available)
Connection	6-32 Terminal Screw (#12-#22AWG) or #10 AWG Wires
Weight	<3 lbs.

ELECTRICAL SPECIFICATIONS

Surge Current	20kA per Mode
Protection Modes	L-N, L-G, N-G, L-L (Three phase only)
Voltage	Single Phase: 1L, N&G (120 or 277 Vac)* Split Phase: 2L, N&G (240 Vac) 3 Phase WYE: 3L, N&G (208/120 or 480/277 Vac)
Input Frequency	50-60 Hz
SCCR	10kAIC
Circuit Interrupt	User-provided circuit breaker or Class RK5 fuse
Technology	MOV Only
Monitoring	Green LED per Phase
Response Time	<1 nanosecond

PRODUCT OPTIONS

- NEMA 4X Enclosure
- Din Rail Mounting
- Sinewave Tracking
- Form C Contact

*277Vac Single Phase not UL Listed

