



# AC DIN RAIL TSai Products Spec Sheet

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## TSai AC Compact Single Phase (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 **TSai** modular AC Surge Protective Device for single phase parallel applications is a general duty, DIN rail mounted SPD. This UL1449 4<sup>th</sup> Edition Recognized product contains both common and normal mode protection in any single phase application to 320Vac.

### KEY FEATURES & BENEFITS

#### GENERAL INFORMATION

Application **AC (Parallel)**

Agency Listings **UL Recognized  
IEC 61643-1**

Warranty **1 Year**

#### ELECTRICAL SPECIFICATIONS

Voltage **120V, 230V, or 320V**

Continuous Current **30 Amperes (Max)**

Connection **Terminal Screw**

Serviceability **Modular (without base removal)**

8 x 20μs Peak Current **40kA/Mode**

Monitoring **Red Fault Indicator/Form C Contact**

Wire Size **#8AWG L/N (Max)  
#4AWG Ground (Max)**

#### MECHANICAL SPECIFICATIONS

Dimensions **3.54"L x 0.71"W x 2.64"H**

Mounting **DIN Rail**

APPL'N	MCOV	UL VPR*	SCCR	8x20μs Peak Current	Leakage Current @ 1mA
120V	150V	700V	10k	40kA	<1mA
190V	230V	1000V			
277V	320V	1500V			
*Voltage Protection Rating					



(Module Removed from Base)

### AVAILABLE MODELS & DESCRIPTIONS

Model No.	Voltage	Protection Modes
TSai 040R 150 1P11	120V (1L, N, G)	L-N, L-G, N-G
TSai 040R 230 1P11	190V (1L, N, G)	L-N, L-G, N-G
TSai 040R 320 1P11	277V (1L, N, G)	L-N, L-G, N-G

#### SPARE MODULES & DESCRIPTIONS

TSai 040R 150 MOD	120V Module Only
TSai 040R 230 MOD	230V Module Only
TSai 040R 320 MOD	320V Module Only