Surge Protection/Noise Filtering

TES 20C
120 Volt/210 AMP

APPLICATION

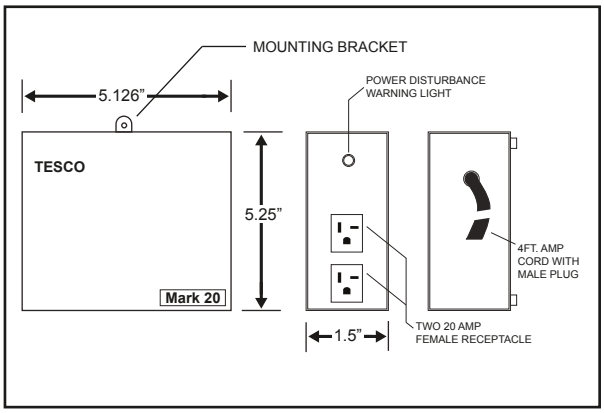
This Model is designed for protecting 120 VAC, 20 AMP power lines feeding sensitive electronic systems.

DESCRIPTION

45 foot corded model with two female 20 AMP receptacles (NEMA, 5-20R). The transient protection netwoek in this system EXCEEDS UL 1449, ANSO C62.41, IEEE 587 MANY TIME OVER. The nationally and internationally recognized electrical certification agency approval for this product is ETL (Edison Testing Laboratories, Cortland, NY).

FEATURES

- Compact Size
- UL1449 4th approved
- Quick thermal response and perfect circuit cutoff function due to special thermal disconnector design with intemal arc extinguishing device (Patent)
- Wide operating temperature range and high reliability
- Low leakage current
- Application in the AC mains, service entrance, and heavy industrial etc
- SCCR up to 100 KAtms without external fuse or CB
- Fire Proof and explosion proof polycarbonate glass-fiber reinforced enclosure with matching mounting connector
- Sealed unit except for mounting connector wiring opening
- For less inductance, #10 AWG tinned copper wire
- MCOV 150



ELECTRICAL RATINGS

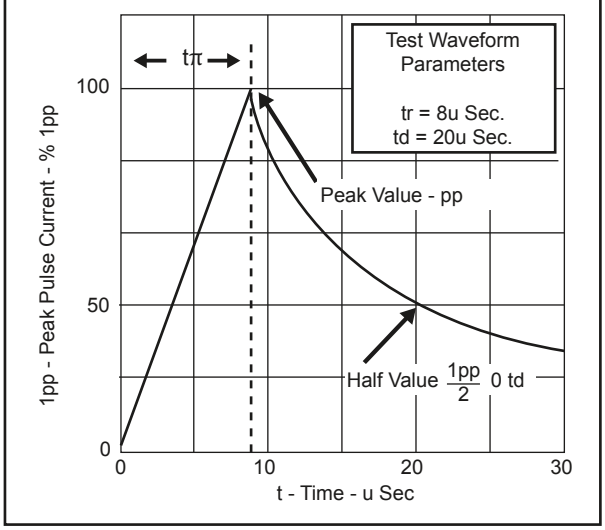
	AC Line
Max Operating Line Voltage	132 Volts
Operating Line Amperage	20 AMPS
Transient Source Voltage	6000V
Transient Source Current	3000A

PERFORMANCE SPECIFICATIONS

Leakage Current Max	0.5 mA
Start Clamp Voltage Level	170 VRMS
Repeate One Cycle AC Line x2 Overvoltage	264 VRMS

Vc (Max, Min)	Current	Waveform	Mode
560V, 440V	3000	8/20 µsec	Line-Neut.
600V, 430V	3000	8/20 µsec	Line-Grd.
460V, 460V	3000	8/20 µsec	Neut.-Grd.
Repeat Single peak 8/20 µsec current impulse dissipation.			32500 AMPS

8/20 µsec CURRENT WAVEFORM



2051 N. Main St., Suite 219 • Coeur d'Alene, ID 83814 • www.tesco-online.com • 1-800-426-2826