

GE Consumer & Industrial Electrical Distribution

These transient voltage surge suppressors (TVSS) feature a compact and economical design for use at medium exposure, distribution or branch panels.

The Tranquell ME and LE are available in a standard NEMA 12 enclosure. These devices have been tested to surge current ratings per NEMA LS-1, including the fuses in the surge path. These units come standard with indicating lights and dry contacts. Ratings are available from 25kA per mode to 100kA per mode.

These transient voltage surge suppressors provide all mode protection, with surge components (MOVs) connected on the phase to neutral, phase to ground, and neutral to ground paths as appropriate for the voltage configuration.

Wallmount ME & LE Features

- > UL1449, CUL
- > Tranquell ME devices with UL1283 Noise Filters
- > UL Tested to 65,000 Amperes Symmetrical Withstand
- > Tranquell ME Device is Capable of Surviving a minimum of 5,000 Category C3 Impulses (10kA, 20kV) per mode
- > Tranquell ME Device Capable of Surviving a minimum of 5,000 Longwave (10x1000µs) Impulses per mode
- > Tranquell LE Device is Capable of Surviving a minimum of 3,500 Category C3 Impulses (10kA, 20kV) per mode
- > Patented Thermal Fuse Technology
- > Form C Dry Contacts for Remote Monitoring
- > Green Status Indicating Light(s)
- > Standard 5 year limited warranty, Optional 10 year warranty

Wallmount Tranquell™ ME & LE



Technical Specifications

Operating Frequency	50/60 Hz
Connection	10 AWG Conductors, Parallel Connected
Operating Temperature	-40 C to +65 C
Operating Humidity	0% to 95% Non-Condensing
Weight	(TME) 9 lbs., (TLE) 11 lbs.

Catalog # _____ WM

* Suppressed Voltage Rating UL1449 2nd Edition
 ** Maximum Continuous Operating Voltage

		Nominal Voltage (Volts RMS)	Configuration	TME SVR* L-N / N-G / L-G	TLE SVR* L-N / N-G / L-G	MCOV%**
TLE	120S	120/240	1 Phase, 3 Wire + Ground	400 / 400 / 400	500 / 500 / 500	125%
TME	120Y	120Y/208	3 Phase, 4 Wire + Ground	400 / 400 / 400	500 / 500 / 500	125%
	240D	240 Delta	3 Phase, 3 Wire + Ground	- / - / 700	- / - / 500	115%
	240H	120/240 Delta HL	3 Phase, 4 Wire + Ground	- / 400 / 700	400 / 400 / 700	115%
	277Y	277Y/480	3 Phase, 4 Wire + Ground	900 / 1500 / 800	800 / 800 / 800	115%
	220Y	220/380	3 Phase, 4 Wire + Ground	900 / 800 / 800	800 / 800 / 800	145%
	480D	480 Delta	3 Phase, 3 Wire + Ground	- / - / 1500	- / - / 1500	170%

025	25kA per mode	50 kA per phase (TLE)
050	50kA per mode	100 kA per phase (TLE)
065	65kA per mode	130 kA per phase (TME)
080	80kA per mode	160 kA per phase (TME)
100	100kA per mode	200 kA per phase (TME)

