

## SURGE PROTECTIVE DEVICES



### Transient Voltage Surge Suppressors (TVSS)

**XT**

**10** Year  
Warranty

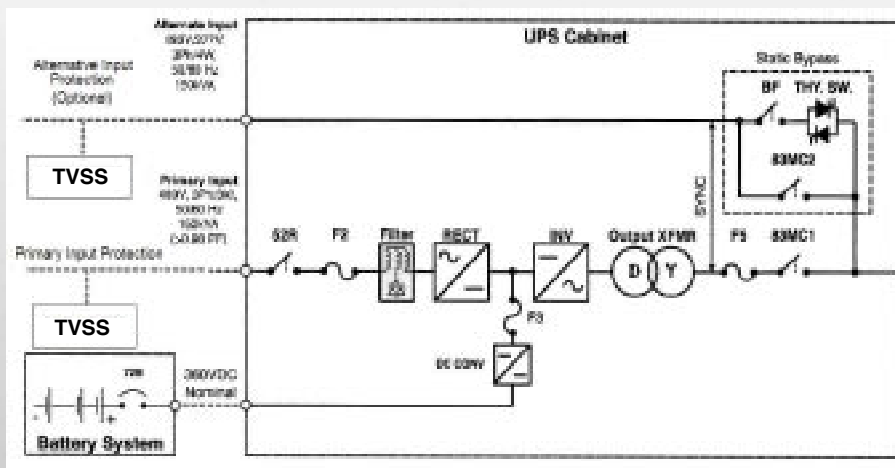
#### The Ultimate Overvoltage Protection

- High Surge Current Capability
- Low Clamping Voltage
- Distribution Grade MOVs
- Exceeds the Performance Level of Parallel MOV Technology
- Fuseless; Safe and Reliable Protection Not Requiring Integral Fusing
- Flexible; Can be Installed in Series or Parallel without Leaving Load Unprotected
- Documented and Tested Performance
- UL Listed to UL 1449 (Rev. 2; Feb. 2007 Edition)
- NEMA 4 Enclosure

**Reliability in motion<sup>®</sup>**

# TVSS-Surge Protective Devices

Model Type	TVS-XT140-120	TVS-XT140-277	TVS-XT120-347
Nominal Voltage	Three Phase, 120/208/60 Hz	Three Phase, 277 / 480 / 60 Hz	Three Phase, 347/600/60 Hz
Maximum Continuous Operation Voltage (MCOV)	150 V	350 V	480 V
Maximum Surge Current I <sub>max</sub> (8/20) NEMA LS1 (L-G)	140 kA	140 kA	120 kA
Let Through Voltage Level for Surge Current 10 kA (8/20) (L-G)	435 V	1025 V	1355 V
Long Duration Surge Performance			
500 A Square Waveform 2msec (IEEE C62.11)	250 Hits	250 Hits	250 Hits
Response Time	< 1 ns	< 1 ns	< 1 ns
Operating Temperature	-40° to +85° C	-40° to +85° C	-40° to +85° C
Environmental Protection	IP-65 (NEMA 4)	IP-65 (NEMA 4)	IP-65 (NEMA 4)
Enclosure Dimensions	12x10x6 Inches	12x10x6 Inches	12x10x6 Inches
Warranty	10 Years	10 Years	10 Years
Suitable for installation with no overcurrent protection on a circuit capable of delivering 85 kA for three (3) continuous cycles, in accordance with Section 37 of UL 1449 (High Current Abnormal Overvoltage Test).			



**UPS    ADJUSTABLE SPEED DRIVES    MOTORS    CONTROLS    INSTRUMENTATION    PLC**

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