

USP and TSP Parallel Surge Suppression

The USP and TSP are parallel surge suppressors for use in commercial and residential facilities at either a service entrance or a distribution panel.

At the service entrance these models provide protection against lightning or switching transients from the utility system. At a distribution panel, they provide protection against transients generated on other branch circuits.



Applications

- Machine shops
- CNC operating equipment
- Retail facilities
- Residences
- Offices
- Manufacturing facilities
- Schools

Individual Features

USP models

- Suppress and filter to 112.5kA
- Patented Wagon Wheel™ MOV circuit array

TSP models

- Suppress and filter to 82.5kA
- Patented Wagon Wheel™ MOV circuit array

Standard Features

UL 1449 2nd edition and CSA listed

Individual MOV fusing

- Ensures uninterrupted protection at high surge current levels with non-restrictive fusing coordinated to MOV capacity

MCOV Greater than Line-to-Line voltage

- Utilizes LEA's unique Inherently Safe MOV Technology (ISMT)
- Provides continuous, safe protection during extreme overvoltages

LED indicator lights, repetitive and single impulse tested

- ANSI/IEEE C62.41-1991
- ANSI/IEEE C62.45-1992

FIVE YEAR unlimited warranty



SURGE SUPPRESSION SPECIALISTS

East Coast - HQ

800-654-8087
813-621-1324
813-621-8980

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Fax

West Coast

800-881-8506
208-762-6188
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USP and TSP Parallel Surge Suppression

	<i>USPS-H</i>	<i>USPS-M</i>	<i>USPS-L</i>	<i>TSPS</i>
Surge Current Per Phase	112.5kA	82.5kA	60kA	82.5kA
Surge Current Per Mode	L-N: 112.5kA N-G: 19.0kA	L-N: 82.5kA N-G: 19.0kA	L-N: 60kA N-G: 19.0kA	L-N: 82.5kA N-G: 19.0kA
Dimensions	6 x 4.5 x 4	5 x 3.5 x 3	5 x 3.5 x 3	10 x 8.4 x 6.4
Weight	3 lbs.	2.5 lbs.	2.5 lbs.	12 lbs.

<i>Standard Voltage Configurations</i>	<i>Options</i>	<i>Specifications</i>
<ul style="list-style-type: none"> • 120-1P • 120/240-SP • 120/240(208)-CPGD • 120/208-3Y • 120/240-3D “hi-leg” • 220/380-3Y • 277/480-3Y <p>Consult Factory for other voltage configurations</p>	<ul style="list-style-type: none"> A Dry Contacts (USPS-H, TSPS) G Remote Status Monitor and Dry Contacts (USPS-H, TSPS) 	<ul style="list-style-type: none"> • Nominal Operating Voltage: 120 – 277 VAC • Frequency Range: 47 – 63 Hz • Response Time: <1 nanosecond • Enclosure Type: NEMA 4X is standard on TSPS NEMA 12 is standard on USPS • Mounting: Surface mount (Flush available)

Ordering:

Please specify model number, voltage configuration and option suffix as needed. (example: TSPS-120/208-3Y-A)



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