

SURGE SUPPRESSORS

SURGE CONTROL®
A PRODUCT OF ***CCI***

Short Form Catalog



Surge Suppressors For: Data, Communication, Telephone and Power

CCI's **SURGE CONTROL®** suppressors provide filtering and protection to electronic equipment from damage caused by high transient voltages and surges due to switching of inductive loads, lightning and EMI/RFI noise.

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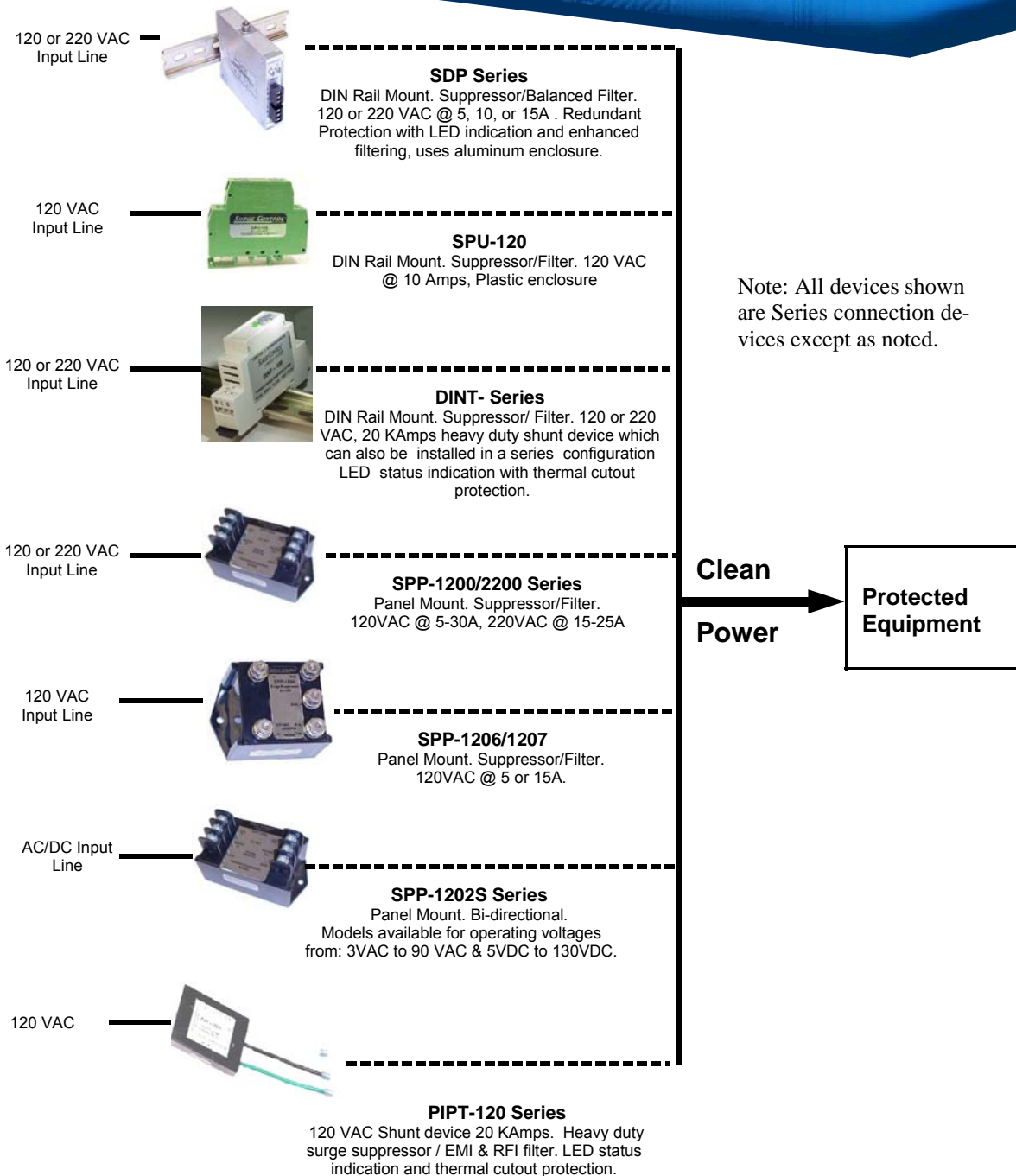
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EQUIPMENT POWER SURGE SUPPRESSORS / FILTERS

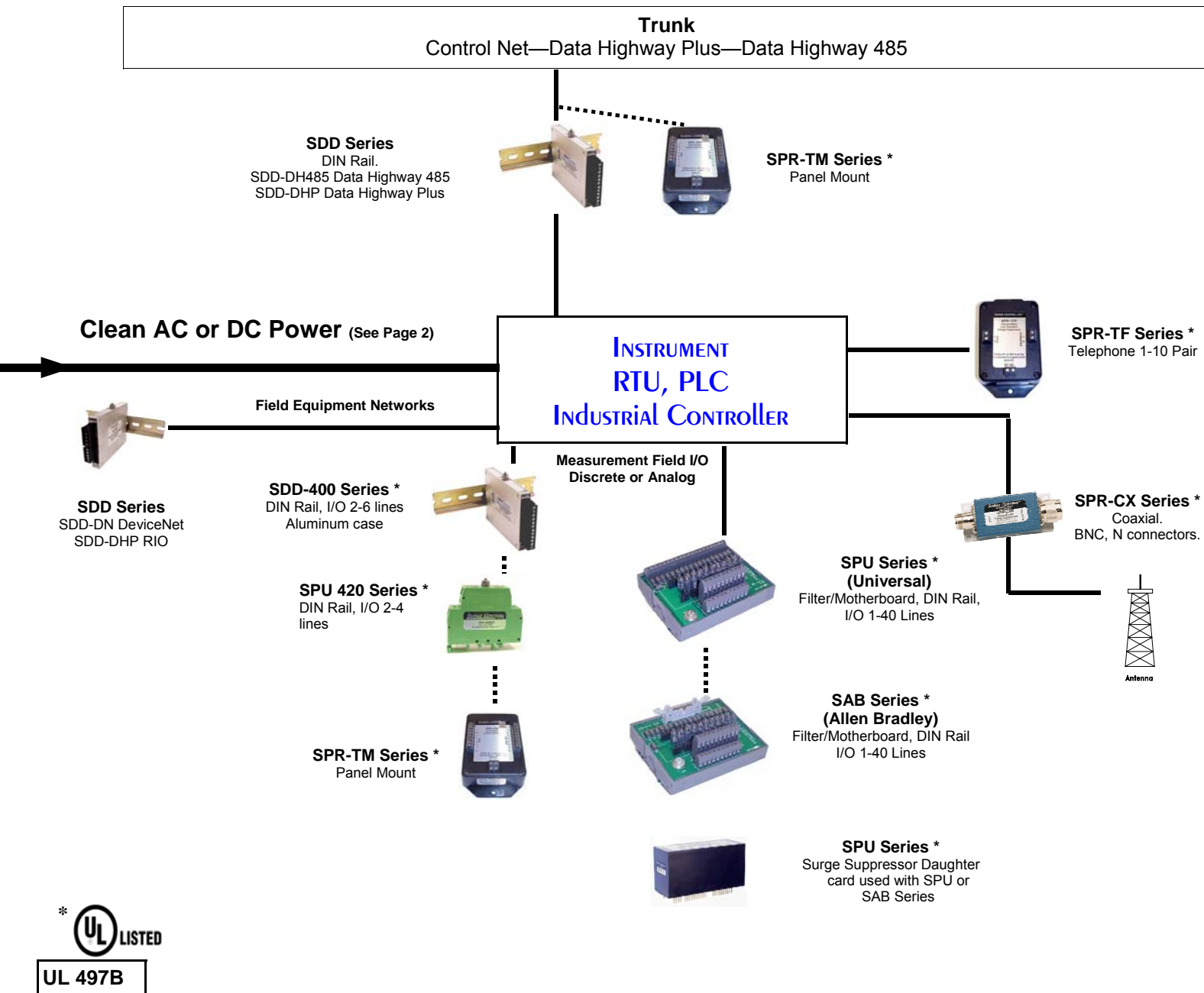


- Mount these Suppressors/Filters at the equipment incoming AC (DC) power line to protect your equipment from any lightning damage, transient voltages, and/or EMI/RFI noise.
- EMI/RFI filtering performance for the series devices is equal to or better than standard commercial filters.
- Protects equipment from surges up to 20kV and 10kA or (20 K Amps as indicated)
- Designed to protect measurement and control equipment, computers, motor controllers, and other sensitive instrumentation.
- Designed for the most severe harsh industrial environments.
- Multistage hybrid design for differential & common mode suppression.

CONTROL ROOM EQUIPMENT / COMMUNICATION AND DATA

Communication Networks

Communication Network Suppressors That Provide Protection To Equipment Connected To The Indicated Network.



Surge suppressors for I/O lines provide protection to control/process equipment (SCADA/RTU/PLC/etc) from transients in the I/O lines—(Discrete or Analog Data). Various models available for operating voltages 5-60VDC and 120 or 220VAC.

- Multistage hybrid designs—ideal for high concentration of data, communications & power lines.
- Specifically designed to protect measurement and process control equipment, 4-20 mA loop instrumentation, data processing & telecommunications equipment.
- Data surge suppressors are UL 497B listed

Download technical specifications from our website: See instructions page 6

MAIN, BRANCH & LOCAL POWER SURGE SUPPRESSORS

Main Power and down stream UL 1449 3rd Edition Surge Protective Devices (SPD)



TEXAS & TEXAL-Series



TE XCS -Series



SPDEE-Series

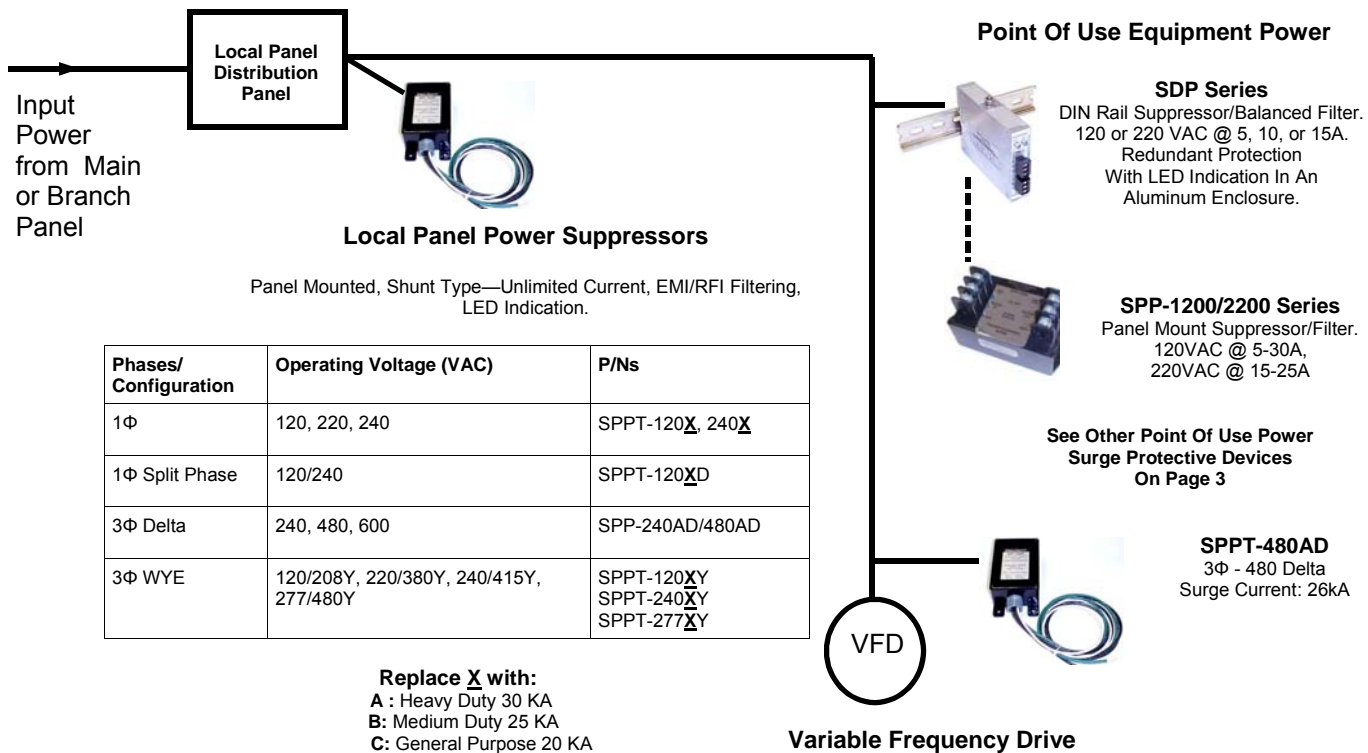


TEXDS-Series



UL 1449
3rd Edition

All the above part series are designed for type 1 SPD, and can be installed on line side or load side of main disconnect . Other part-series are available. (See Data sheets at www.surgecontrol.com)



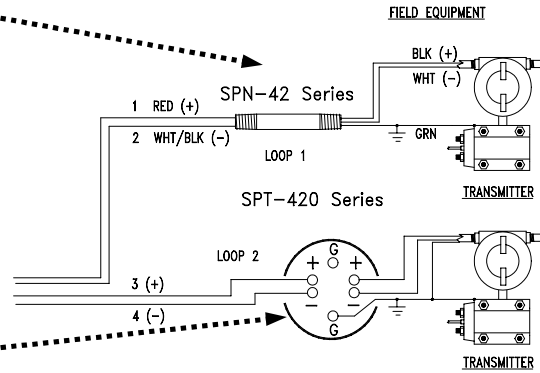
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FIELD EQUIPMENT SURGE SUPPRESSORS

Surge suppressors mounted in front of the transmitter in series with data line or 4-20 mA loops.



SPN-42 and SPN 43 Series* Stainless steel, 1/2" conduit mount suppressor for RS-232, RS-422, RS-485 applications. SPN-42 (2 wires) & SPN-43 (3 wires) Dual ended and single ended versions available External grounding option available. Uses: AC/DC Power, Signal, Data

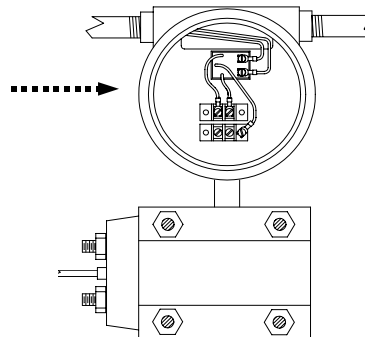


SPT-420 Series * Explosion proof series meets class 1, Groups C, D; Class II, Groups E, F and G; Class III, Division 1 environments. SPT-420 is a current loop suppressor. Multi-stage, designed for the most harsh industrial environments. Uses: AC Power, Signal, Data

Surge suppressors mounted inside transmitters.



SPT-42U/43U Series *
Two and three wire instrumentation mounts inside most models of 2 or 3 wire dp field transmitters .



- Each device is mounted in the data lines or 4-20 mA loops next to or inside the transmitters to provide protection from transient voltages, surges, spikes and lightning.
- Designed for harsh environments.
- Up to 20 kV and 2.5 kA surges.
- Models for operating voltages of 5, 12, 24, 28, 36, 50 and 60VDC.
- Various wiring combinations available..

[Download technical specifications from our website: See instructions page 6](#)

OEM SURGE SUPPRESSORS

OEM Product Line

Surge Suppressors/filters specific to OEM's

Circuit Components Inc. supports OEM's with specific surge suppressor designs to protect OEM's sensitive equipment from transient voltages



Design & Manufacturing of custom surge suppressor /filters that provide protection to:

- Industrial controllers
- Transmitters
- Communication Equipment
- Instrumentation for Utilities
- Power Supplies
- Electrical Installations



Instructions to download technical specifications from our website:

- 1) Go to www.surgecontrol.com
- 2) Select Product Listing
- 3) Select a specific category
- 4) See a brief description of each P/N series
- 5) Click on the P/N series to see the corresponding data sheet.

Note: If you know the P/N, select the Alphabetical Product index in the home page and then click on the P/N. This will take you directly to the technical data sheet.

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