

# SpecPRO<sup>TM</sup>

Surge Protective Device

## Commercial & Industrial Surge Protective Devices



An ILSCO<sup>®</sup> Company



[www.surgesuppression.com](http://www.surgesuppression.com)

## The SpecPRO™ Difference

Surge Protective Device



**Industry leading let through voltage performance** - Our SpecPRO™ SPDs are designed to respond fast and virtually eliminate surges, providing greater protection to downstream equipment and machinery. *SpecPRO™ SPDs stop more surges than the competition.*

**ANSI/UL 1449 (4th Edition) listed** - Our SpecPRO™ SPDs are designed to fit virtually any application including models that meet the Lightning Protection Standards of UL 96A and NFPA 780. We have a UL Listed SpecPRO™ SPD for *virtually every industrial and commercial application!*

**Two types of fusing** - Our SpecPRO™ SPDs incorporate two types of fusing to assure the safest, most reliable products in the industry. *SpecPRO™ SPDs are certified for safety and reliability.*

**Advanced Filtering Technology** - Our SpecPRO™ SPDs, when ordered with Advanced Filtering technology, filter out ringing transients, and stop mid-level, ultra-fast, nuisance surges that plague every industrial and commercial facility. These surges cause cumulative damage to PCB circuit boards, frequent error codes, and downtime. *SpecPRO™ stops surges the competitors miss.*

# CRM/SRM

Parallel connected Surge Protective Device designed to protect all types of loads fed from individual disconnects, sub-panels, distribution panels and service entrance locations.

- 30 kA to 300 kA Per Phase Peak Surge Current.
- SRM features standard EMI/RFI filtering
- Compact NEMA 1 enclosure is standard
- 10 Year Limited Warranty
- Nominal Discharge Current (In) Rating: 10 kA/20 kA
- Patented internal phase-level over-current fusing
- Component level thermal fusing
- One Super Bright diagnostic LED per phase
- Industry leading measured limiting voltage performance
- CRM features EMI/RFI filtering and Advanced Filtering
- NEMA 2, 3, 3S, 4, 4X and 12 enclosures available
- Circuit encapsulation
- Select 20 kA In for Lightning Protection Systems
- Four Modes of Protection - L-N (Normal Mode) and N-G (Common Mode) for WYE. L-G (Common Mode) for Delta

# CSM/SSM

Parallel connected Surge Protective Device designed to protect all types of loads fed from individual disconnects, sub panels, distribution panels and service entrance locations.

- 60 kA to 600 kA Per Phase Peak Surge Current.
- SSM features standard EMI/RFI filtering;
- Compact NEMA 1 enclosure is standard,
- 15 Year Limited Warranty
- Nominal Discharge Current (In) Rating: 10 kA/20 kA
- Patented internal phase-level over-current fusing
- Component level thermal fusing
- One Super Bright diagnostic LED per phase
- Industry leading measured limiting voltage performance
- CSM features EMI/RFI filtering and Advanced Filtering
- NEMA 2, 3, 3S, 4, 4X and 12 enclosures available
- Circuit encapsulation
- Select 20 kA In for Lightning Protection Systems
- Seven Modes of Protection - Discrete L-N (Normal Mode) and Discrete L-G, N-G (Common Mode) for WYE. L-L (Normal Mode) and L-G (Common Mode) for Delta.

## **SpecPRO™ stops surges the competitors miss.**

Our Advanced Filtering reacts to a change in frequency to stop mid-level, ultra-fast, nuisance surges that cause cumulative damage to PCB circuit boards, frequent error codes, and downtime.



# SpecPRO™ Options



Code†	Description	All SpecPRO™ Models ≤ 100 kA per Mode	All SpecPRO™ Models > 100 kA per Mode
AC10	Basic Internal Audible Alarm	•	•
AC11	Internal Audible Alarm w/ on, off, and test buttons	•	•
AC10S6	Basic Internal Alarm / Surge Counter	•	•
AC11S6	Alarm w/ on, off and test buttons & surge counter	•	•
C	Form C Dry Relay Contacts	•	•
D1	Integral Disconnect Switch	•	
D3	Integral Disconnect Switch (no external handle)	•	
D5	Integral Disconnect Switch		•
D6	Integral Disconnect Switch (no external handle)		•
E1	Hub on upper right of enclosure	•	•
M	NEMA 12 Metal Enclosure	•	
N	Removes N-G tracking circuit	•	•
P	Flush Mount Plate	•	
R2	Remote LEDs in a separate enclosure	•	•
S6	Integral Surge Counter	•	•
W	NEMA 4 Metal Enclosure	•	•
X	NEMA 4X box in box with terminals	•	•
X1	NEMA 4X with clear lid (box in box) and terminals	•	
X2	NEMA 4X Composite Enclosure	•	
X3	NEMA 4X Composite Enclosure (LED and DRC only)	•	
XS	NEMA 4X Stainless Steel Corrosion Resistant Enclosure	•	•

† Many other options available



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