

Low Voltage: Power and Data Protection

3800 Series Low Voltage Data Line Surge Protective Modules

Leviton's 3800 Series DC surge protective devices are designed for mounting in standard equipment cabinets where surge suppression is desired for the enclosed equipment. Compact black-box styling coordinates with other mounted equipment. The MOV-based suppression circuitry provides optimum clamping. Available in standard equipment mount and DIN Rail-Mount configurations.

3863-DEV, 3861-ETH and 3848-DIN



Features and Benefits

3800 Series Low-Voltage UL Recognized Components

- MOV-based suppression circuitry provides optimum clamping
- Wired-in equipment cabinet surge protection for 12V, 24V and 48VDC applications
- Terminal block connections for 22AWG to 14AWG conductors
- Manufactured to ISO 9001:2000 standards
- Backed by a limited 10-year warranty

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3800 Series Low Voltage Power Surge Protective Modules

3800 Low Voltage Data Line Surge Protective Modules

Cat. No.	Voltage Rating	Connection
3812-DIN	12VDC	Terminal Block, DIN Rail-Mount
3824-DIN	24VDC	Terminal Block, DIN Rail-Mount
3824-WM	24VDC	Terminal Block, Standard Equipment Mount
3848-DIN	48VDC	Terminal Block, DIN Rail-Mount
3848-WM	48VDC	Terminal Block, Standard Equipment Mount
3848-OEM	48VDC	Pigtail Connection, Standard Equipment Mount



3848-OEM



3848-WM



3848-DIN

Specifications for 3800 Series Low Voltage Data Line Surge Protective Modules

Cat. No.	3812-DIN	3824-DIN, 3824-WM	3848-DIN, 3848-WM, 3838-OEM
Performance Data			
Maximum DC Operating Voltage	13.2VDC	26.4VDC	52.8VDC
Breakdown Voltage 100V/μsec	14.7-19.8V	33.1-38.2V	51.8-71.8V
Maximum Surge Current 10 x 1000μsec	10A	10A	10A
Maximum Capacitance	4.8μf	4.8μf	4.8μf
UL497B Clamping	21V	37V	71V
Warranty			
Product Warranty	10-year limited	10-year limited	10-year limited