

Type 4 UL Recognized Components

Type 4 Surge Protective Devices

Type 4 SPDs are component assemblies consisting of one or more Type 5 components — discrete component surge suppressors, such as MOVs that may be mounted on a PWB, connected by its leads or provided within an enclosure with mounting means and wiring terminations — together with a disconnect (integral or external).

3800-WM, 3800-DIN and 51020-DIN



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Surge Protective Devices (SPDs)

UL RECOGNIZED COMPONENTS | 3800 Series Surge Devices

3800 Series Type 4 Surge Protective Devices

Leviton's 3800 Series surge protective devices are designed to provide wired-in surge protection for devices in industrial and commercial equipment cabinets. These devices are suitable for 125VAC applications. Available in standard equipment or DIN Rail-Mount with terminal block for connections, or standard equipment mount with 6" long wire leads for termination and remote LED

Features and Benefits

3800 Series UL Recognized Components

- MOV-based suppression circuitry provides optimum clamping
- Type 4 Surge Protective Devices (SPD) evaluated for use in Type 2 SPD applications
- Tested to ANSI/IEEE C62.41 and C62.45 standards for category A & B applications
- Terminal-Block accepts 14 AWG or 12 AWG conductors
- Manufactured to ISO 9001 standards
- Backed by a limited 10-year warranty



3800-DIN



3800-WM



3800-OEM

3800 Series Type 4 Surge Protective Devices

Cat. No.	Description
3800-DIN	Terminal Block Connection, DIN Rail-Mounted
3800-WM	Terminal Block Connection
3800-OEM	Pigtail Connection w/ 6" lead

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UL RECOGNIZED COMPONENTS | 3800 and 51000 Series Surge Devices

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Specifications for 51000 and 3800 Series Type 4 Surge Protective Devices

Cat. No.	51005-DIN 51005-WM	51010-DIN 51010-WM	51015-WM	51020-DIN 51020-WM	51240-DIN 51240-WM	3800-DIN 3800-WM 3800-OEM
Electrical Specifications						
Amperage	5A	10A	15A	16A	16A	N/A
Voltage	120VAC	120VAC	120VAC	120VAC	240VAC	125VAC
Frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Surge Technology	MOV	MOV	MOV	MOV	MOV	MOV
Performance Data						
Maximum Continuous Operating Voltage (MCOV)	150V	150V	150V	150V	270V	130V
Joules	672J	672J	1360J	1360J	2600J	600J
Nominal Discharge Current (I _n)	N/A	N/A	N/A	N/A	N/A	3kA
Maximum Surge Current, per Phase	L-N: 26kA L-G: 13kA (39kA)	L-N: 26kA L-G: 13kA (39kA)	L-N: 48kA L-G: 24kA (72kA)	L-N: 48kA L-G: 24kA (72kA)	L-N: 40kA L-G: 20kA (60kA)	L-N: 24kA L-G: 12kA (36kA)
Voltage Protection Rating (VPR)	L-L	—	—	—	700V	—
	L-N	500V	500V	400V	400V	700V
	L-G	600V	600V	500V	500V	700V
	N-G	500V	500V	500V	500V	600V
Noise Filtering	-20 to -40dB (@ 50K-100MHz)	-20 to -40dB (@ 50K-100MHz)	-20 to -40dB (@ 50K-100MHz)	-20 to -40dB (@ 50K-100MHz)	-20 to -40dB (@ 50K-100MHz)	-10 to -15dB (@ 100K-100MHz)
Protection Mode	3 mode	3 mode	3 mode	3 mode	3 mode	3 mode
Warranty						
Product Warranty	10-year limited					

SPOTLIGHT

Surge Protection

Need assistance? To learn more about how to implement an effective surge protection network have a Surge Protection Expert contact you. Visit www.leviton.com/surge for more information.

