

### 3400/3800 Series Low-Voltage Data Line Surge Protective Modules

Leviton's 3400/3800 Series surge protection modules are designed to provide application-specific surge protection for factory automation and industrial control devices. They are available in various DC voltage configurations, connection types and mounting styles.

#### Features and Benefits

##### 3400/3800 Series Modules

- Designed for mounting in standard equipment cabinets
- Wired-in surge protection for PLCs and other data networking devices
- Withstands surges at PLC devices in harsh industrial and high EMI environments
- Low clamping voltage
- Manufactured to ISO 9001:2000 standards
- Backed by a limited 10-year warranty



3863-DEV 3861-ETH



3420-35 3803-485

#### 3400/3800 Series Low Voltage Data Line Surge Protective Modules

Cat. No.	Description	Voltage Rating	Application
3420-9	SPD with 3-Pin Header Connector, Surface Mount	9.6VDC	Devices operating on Allen-Bradley 4-20ma Signal Loop networks and other related protocols, 9V
3420-35	SPD with 3-Pin Header Connector, Surface Mount	38.5VDC	Devices operating on Allen-Bradley 4-20ma Signal Loop networks and other related protocols, 35V
3803-485	SPD with 6-Pin Header Connector, Surface Mount	9.6VDC	Devices operating on Allen-Bradley DH-485 networks and other related protocols
3803-DHP	SPD with 3-Pin Header Connector, Surface Mount	9.6VDC	Devices operating on Allen-Bradley "Blue Hose" networks and other related protocols
3803-MOD	SPD with 3-Pin Header Connector, Surface Mount	9.6VDC	Devices operating on Modbus and Modbus Plus networks and other related protocols
3860-GEF	SPD with 4-Position Terminal Block, Surface & DIN Rail-Mount	100VDC	Devices operating on GE Fanuc Control Bus networks and other related protocols
3861-ETH	SPD with RJ-45 Connector, Surface & DIN Rail-Mount	19.8VDC	Devices operating on Allen-Bradley Ethernet PLC ports and CAT 3 networks and other related protocols
3862-CON	SPD with BNC Connector, Surface & DIN Rail-Mount	9.18VDC	Devices operating on Allen-Bradley ControlNet networks, CCTV and other related protocols
3863-DEV	SPD with 5-Pin Header Connector, Surface & DIN Rail-Mount	19.8VDC	Devices operating on DeviceNet networks and other related protocols

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## LOW VOLTAGE: POWER AND DATA PROTECTION | 3400/3800 Series

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### Specifications for 3400/3800 Series Low Voltage Data Line Surge Protection Modules

Cat. No.	3420-9	3420-35	3803-485	3803-DHP	3803-MOD	3860-GEF	3861-ETH	3862-CON	3863-DEV
<b>Performance Data</b>									
Maximum DC Operating Voltage	(-)4.5 to 4.5	30VDC (V+ to G)	(-)4.5 to 4.5	(-)4.5 to 4.5	(-)4.5 to 4.5	100.4VDC (L-G) 16.4VDC (L-Shield)	19.8VDC (L-G) 5.6VDC (L-L)	9.18VDC (L-G) 9.18VDC (L-Shield)	19.8VDC (L-G) 5.6VDC (L-L)
Clamping Voltage	12Vpk	48Vpk	12Vpk	12Vpk	12Vpk	205.4Vpk (L-G) 60.7Vpk (L-Shield)	119Vpk (L-G) 56Vpk (L-L)	62.4Vpk (L-G) 36.8Vpk (L-Shield)	119Vpk (L-G) 56Vpk (L-L)
Maximum Surge Current	1kA	1kA	1kA	1kA	1kA	1kA	1kA	1kA	1kA
Maximum Capacitance	53pF (L-G) 53pF (L-L)	53pF (L-G) 53pF (L-L)	53pF (L-G) 53pF (L-L)	14.48pF (L-G) 7.48pF (L-L)	73pF (L-G) 2.2pF (L-L)	20pF (L-G) 20pF (L-L)	20pF (L-G) 20pF (L-L)	30pF (L-L)	20pF (L-L)
<b>Warranty</b>									
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](http://www.leviton.com/surge) for more information.

