BUSSMANN
SERIES

Surge protection for UL 508A applications

Comprehensive UL 1449 4th Edition Recognized surge protection solutions for North American applications.

Product description:

Eaton's Bussmann® series UL® modular surge arresters feature local, *easy*ID™ visual indication and optional remote contact signaling.

The unique locking system fixes the protection module to the base part. Modules can be easily replaced without tools by simply depressing the release buttons.

Integrated mechanical coding between the base and protection module ensures against installing an incorrect replacement module.

Features and benefits:

- UL 1449 4th Edition Recognized SPD devices provide optimum surge protection for the United States and Canadian panel markets.

- Up to 200kA SCCR for demanding applications.

- Modular DIN-Rail design with rejection feature makes it easy to install and maintain.

- *easy*ID visual indication and optional remote contact signaling make status monitoring simple.

- Vibration and shock resistant according to EN 60068-2 standards to withstand harsh environments.

- IP20 finger-safe design improves electrical safety.

- All Bussmann series black DIN-Rail products are rated, Type 2 Component Assembly and can be installed in any UL 508A panel without the added expense of modifying the UL file or conducting any additional testing.

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The need for surge protection

Today's world is full of electronic products and devices that are susceptible to damage from overvoltage surges.

Whether the cause is static discharge or lightning, overvoltage surges can quickly destroy industrial, commercial and consumer electronics.
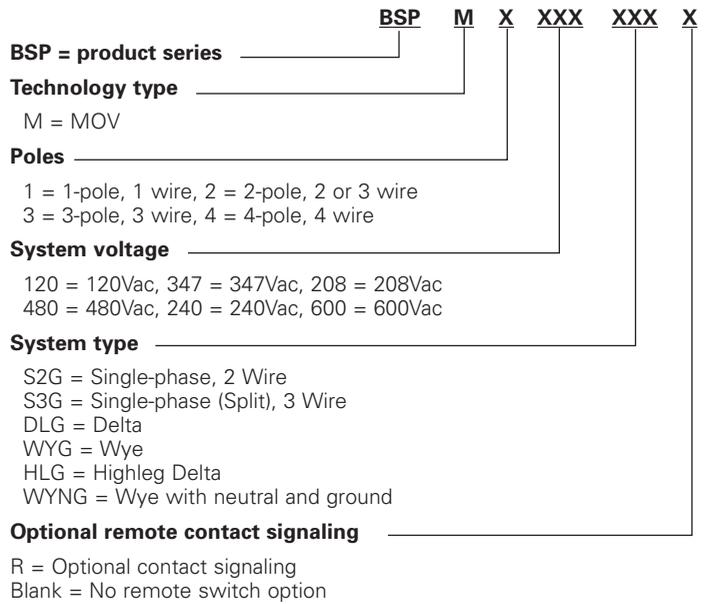
Bussmann series surge protection products help provide power quality that's free from damaging surges.
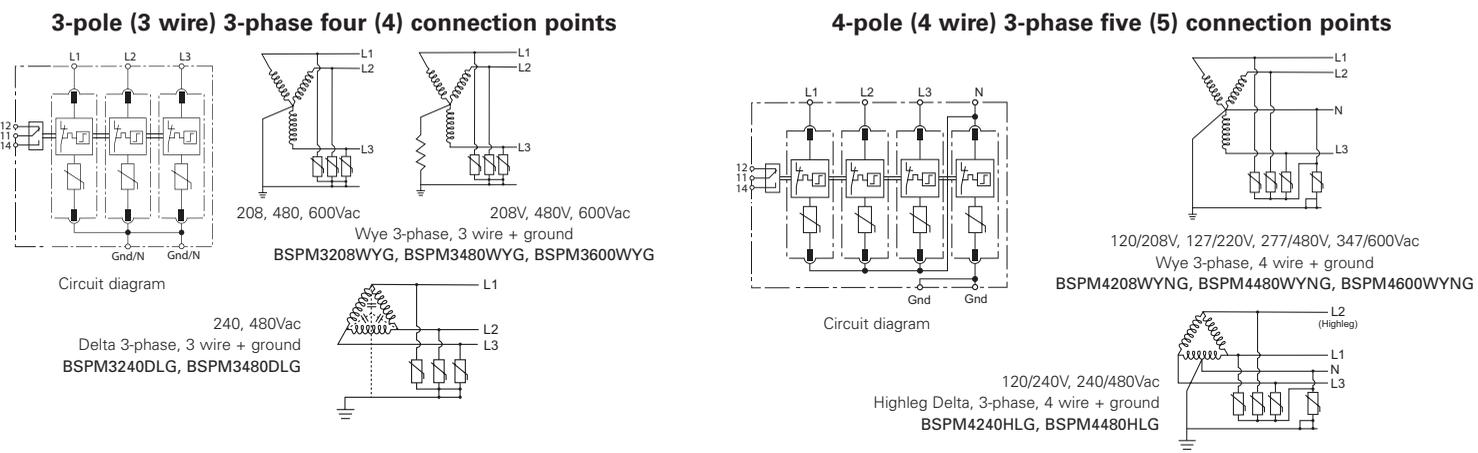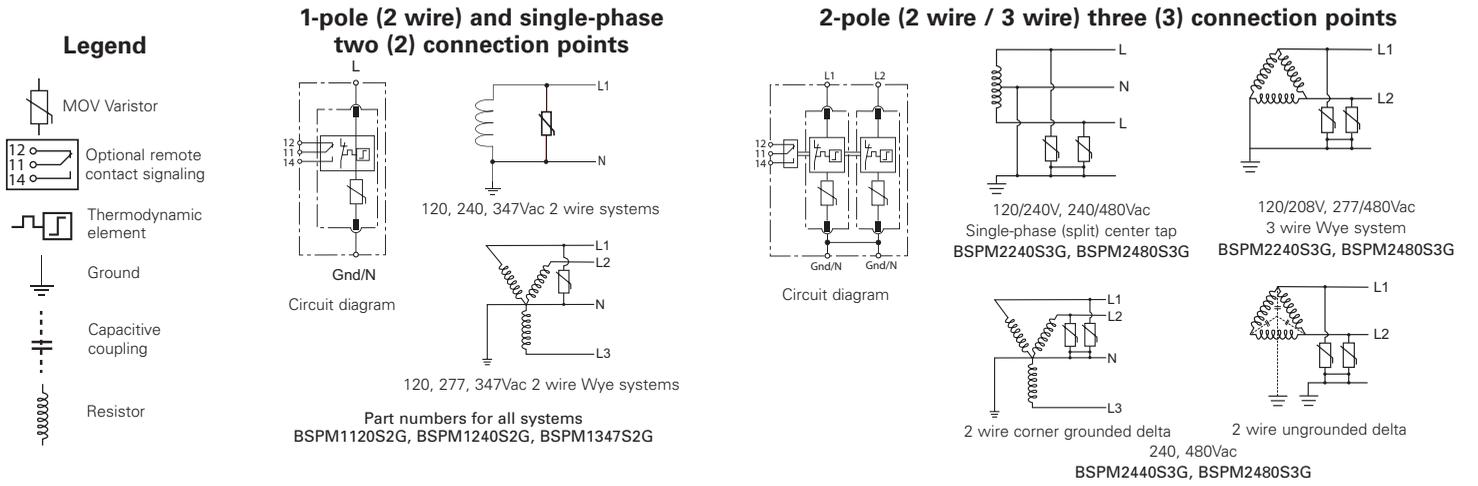
Complete line of surge protection solutions

Power distribution

Control panel

Data signal

UL-SPD part number explanation*

BSP M X XXX XXX X

BSP = product series

Technology type

M = MOV

Poles

1 = 1-pole, 1 wire, 2 = 2-pole, 2 or 3 wire
3 = 3-pole, 3 wire, 4 = 4-pole, 4 wire

System voltage

120 = 120Vac, 347 = 347Vac, 208 = 208Vac
480 = 480Vac, 240 = 240Vac, 600 = 600Vac

System type

S2G = Single-phase, 2 Wire
S3G = Single-phase (Split), 3 Wire
DLG = Delta
WYG = Wye
HLG = Highleg Delta
WYNG = Wye with neutral and ground

Optional remote contact signaling

R = Optional contact signaling
Blank = No remote switch option

* This is not a catalog number system for configuring and ordering an SPD for a particular application. It is an explanation of the available black label high SCCR DIN-Rail SPD catalog numbers.

Legend

MOV Varistor

Optional remote contact signaling

Thermodynamic element

Ground

Capacitive coupling

Resistor

1-pole (2 wire) and single-phase two (2) connection points

Circuit diagram

120, 240, 347Vac 2 wire systems

120, 277, 347Vac 2 wire Wye systems

Part numbers for all systems
BSPM1120S2G, BSPM1240S2G, BSPM1347S2G

2-pole (2 wire / 3 wire) three (3) connection points

Circuit diagram

120/240V, 240/480Vac
Single-phase (split) center tap
BSPM2240S3G, BSPM2480S3G

120/208V, 277/480Vac
3 wire Wye system
BSPM2240S3G, BSPM2480S3G

2 wire corner grounded delta

2 wire ungrounded delta

240, 480Vac
BSPM2440S3G, BSPM2480S3G

3-pole (3 wire) 3-phase four (4) connection points

Circuit diagram

208, 480, 600Vac

208V, 480V, 600Vac
Wye 3-phase, 3 wire + ground
BSPM3208WYG, BSPM3480WYG, BSPM3600WYG

240, 480Vac
Delta 3-phase, 3 wire + ground
BSPM3240DLG, BSPM3480DLG

4-pole (4 wire) 3-phase five (5) connection points

Circuit diagram

120/208V, 127/220V, 277/480V, 347/600Vac
Wye 3-phase, 4 wire + ground
BSPM4208WYNG, BSPM4480WYNG, BSPM4600WYNG

120/240V, 240/480Vac
Highleg Delta, 3-phase, 4 wire + ground
BSPM4240HLG, BSPM4480HLG

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For Eaton's Bussmann series product information, call **1-855-287-7626** or visit: **Eaton.com/bussmannseries**

Follow us on social media to get the latest product and support information.