

Surge protection for UL 508A applications



Comprehensive UL 1449 3rd 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 3rd 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.
- easyID 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.



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

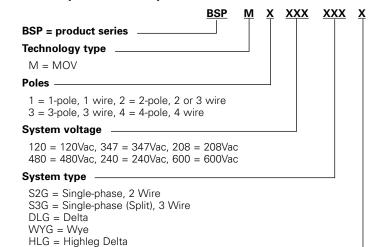






Data signal

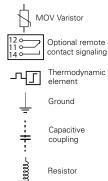
UL-SPD part number explanation*



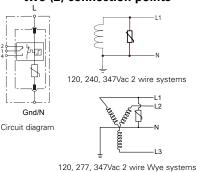
WYNG = Wye with neutral and ground Optional remote contact signaling

R = Optional contact signaling Blank = No remote switch option

Legend

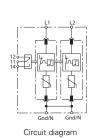


1-pole (2 wire) and single-phase two (2) connection points



Part numbers for all systems BSPM1120S2G, BSPM1240S2G, BSPM1347S2G

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







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





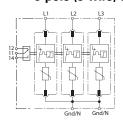
2 wire corner grounded delta

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

2 wire ungrounded delta 240, 480Vac

BSPM2440S3G, BSPM2480S3G

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



Circuit diagram



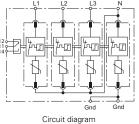


208V, 480V, 600Vac

Wye 3-phase, 3 wire + ground BSPM3208WYG, BSPM3480WYG, BSPM3600WYG

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







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

120/240V, 240/480Vac BSPM4240HLG, BSPM4480HLG

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Highleg Delta, 3-phase, 4 wire + ground

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

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^{*} 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.

AMEYA360 Components Supply Platform

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