Surge protection for UL 508A applications

Eaton’s Bussmann™ series UL® Listed open Type 1 modular surge arresters feature local, easyID™ visual indication and standard 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 keying between the base and protection module helps prevent against installing an incorrect replacement module.

Features and benefits
- UL 1449 4th Edition Listed open Type 1 and CSA® component assembly SPD devices provide optimum surge protection for the United States and Canadian panel markets.
- 200 kA SCCR for demanding applications.
- Modular DIN-Rail design with module rejection feature makes it easy to install and maintain.
- easyID visual indication and standard remote contact signaling make status monitoring simple.
- When properly installed, IP20 finger-safe design improves electrical safety.
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, lightning, or inductive load switching, overvoltage surges can quickly destroy industrial and commercial electronics such as computers and industrial controls.
Bussmann series surge protection products help provide power quality that's free from damaging surges.

Complete line of surge protection solutions

UL-SPD part number explanation*

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

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

Standard remote contact signaling
R = Remote contact signaling

* 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.

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

- 120, 240 Vac 2 wire systems
- 120, 277 Vac 2 wire Wye systems

Part numbers for all systems
BSPMA1120S2GR, BSPMA1240S2GR

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

- 120/240 V, 240/480 Vac
- Single-phase (split) center tap
- BSPMA2240S3GR, BSPMA2480S3GR

- 120/208 V, 277/480 Vac
- 3 wire Wye system
- BSPMA2240S3GR, BSPMA2480S3GR

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

- 208, 480, 600 Vac
- Wye 3-phase, 3 wire + ground
- BSPMA3208WYGR, BSPMA3480WYGR, BSPMA3600WYGR

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

- 120/208 V, 127/220 V, 277/480 V
- Wye 3-phase, 4 wire + ground
- BSPMA4208WYNGR, BSPMA4480WYNGR

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

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