



Optimal surge protection for light commercial and residential applications



Bussmann series SurgePOD PRO SPDs deliver superior surge protection using MOV thermal disconnect technology for complete system protection.

RoHS

Product description:

Eaton's Bussmann™ series SurgePOD™ PRO is a Type 1 UL® Listed 1449 4th Edition Surge Protective Device (SPD) suitable for installation on the loadside or lineside of the service entrance overcurrent protective device.

The SurgePOD PRO is available in popular voltage and system specific versions to match common residential and light commercial electrical system and equipment requirements.

Features and benefits:

- Type 1 UL 1449 4th Edition Listed SPDs are easily selected and installed on the loadside or lineside of the service entrance overcurrent protective device.
- Voltage specific models precisely match and protect electrical systems and equipment better than "one-size-fits-all" SPDs.
- Compact UV resistant NEMA® 4X enclosure for indoor or outdoor installation.
- *easyID*™ LED indicator provides surge protection status at a glance.

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Specifications

- Type 1 SPD for light commercial and residential applications 120 to 600 Vac
- 200 kA SCCR
- Single-phase, split-phase, Wye, and Delta systems
- Two-year warranty



Catalog number	Nominal system voltage	System type
SPP40SP1120SN	120	Single-phase 2 wire
SPP40SP2240PN	240	Split-phase 3 wire
SPP40SP3240DLG	240	Three-phase Delta 3 wire + G
SPP40SP3240DLG	480	
SPP40SP3208WYG	208	Three-phase Wye 3 wire + G
SPP40SP3480WYG	480	
SPP40SP3600WYG*	600	

* Not CSA Certified.

SurgePOD PRO

Color	Grey
Markets	Residential, light commercial and UL 508A panels
Systems types	Single, Delta and Wye
Nominal systems voltage	120, 208, 240, 480, 600 Vac
Maximum continuous operating AC voltage	Matched to nominal voltage
MCOV [V _c]	(150 to 550 Vac)
Installation	2, 3, 4 connection points
N-G protection	No
Protection from	Surge transient
SCCR	200 kA
Nominal discharge current (8x20ups) I _n	10 kA
Max. discharge current (8x20ups) I _{max}	40 kA
Response time t _a	<25ns
Frequency	50/60 Hz
Operating status / fault length	One bi-colored LED— green (good)/red (replace)
Conductor gauge / length	10 AWG stranded copper/18 inches
Mounting	Chase nipple / bracket (bracket customer supplied)
Enclosure rating	NEMA 4X - UL 94-5VA
Degree of protection (installed state)	IP20 (finger-safe)
SPD install location	Indoor/outdoors
Circuit location	Lineside/loadside of service entrance overcurrent protective device
Standards / agency information	UL Listed 1449 4 th Edition Type 1 SPD, CSA Certified, RoHS compliant
Operating temperature	-40°C to + 65°C
Operating altitude	12,000 feet
Product warranty	2 years*

See data sheet No.10033 for additional information.

*See Eaton SPD limited warranty statement (3A1502) for details at Eaton.com/bussmannseries.

easyID™ LED status indicator

Standard on the SurgePOD PRO, the easyID™ LED status indicator will always illuminate when the unit is properly installed and the system or equipment being protected is energized. The following LED colors indicate:



Green LED = good
Circuit is energized and protected.



Red LED = replace
Circuit is energized and unprotected. Unit needs replacing.



LED is out/unlit* =

- Circuit is most likely deenergized.
- Unit's leads are disconnected.
- Unit is damaged.

* Authorized personnel should follow all prescribed lockout/tag out and safety procedures in troubleshooting the cause for the above conditions. Opening the SPD enclosure will void UL and warranty.

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