Commercial Grade SurgeBloc® TVSS Receptacles

SurgeBloc® — Innovative and dependable protection!

TVSS Receptacles

Application

Catalog Numbers Series 1208 and 1210 SurgeBloc® TVSS duplex receptacles provide point-of-use, hard-wired protection for electronic equipment used on 15A and 20A 125V branch circuits. Both receptacles offer replaceable modules with audible alarm and are available in conventional ground and Isolated Ground (IG) versions.

Application Locations:

- **Office buildings**
- **Schools**
- **Institutions**
- **Residential homes**
- **Retail**
- **Medical offices**
- **Computer facilities**
- **Commercial facilities**

Features & Benefits

- Provides surge protection for hot to neutral, hot to ground and neutral to ground (L-N, L-G, N-G)
- Exclusive patented replaceable module restores expired surge protection without interruption of power or need to remove and rewire device
- Audible alarm signals when surge protection has expired
- Grounding system fully isolated from common building ground (applies to Isolated Ground only)
- Noise protection against EMI and RFI standard
- High impact-resistant thermoplastic mounting strap
- Automatic ground will insure wallplate grounding in properly grounded metal enclosure
- Standard 6" (152.4mm) leads, stripped 0.50" (12.7mm)
- Limited 10-year product warranty

Specifications

Catalog Numbers Series 1208 and 1210 SurgeBloc® TVSS duplex receptacles are designed for use where transient voltage surge suppressors are specified and hard-wired devices are preferred. The receptacles come with mounting screws (wallplate not included) and are suitable for a wide range of industrial, commercial and residential applications. MOV-based circuitry provides surge protection for normal and common modes (phase-neutral, phase-ground and neutral-ground). The 1208 and 1210 series are provided with replaceable modules (1209) with audible alarm, which monitors surge suppression status. When surge protection expires it can be restored immediately by snapping in replacement module (1209), therefore removing the need to rewire the device or interrupt power to the receptacle, thereby reducing downtime. The receptacles are cULus 1449 and cULus 498 listed. A Limited 10-Year Product Warranty also backs the devices.

Project Name:	Project Number:
Prepared By:	Date:

COOPER Wiring Devices

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Visit our web site at: www.cooperwiringdevices.com

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Commercial Grade SurgeBloc® TVSS Receptacles

Specifications

Performance Data:

Operating Frequency:
60 Hz

Max. Continuous Operating Voltage (MCOV) (L-N):
150V/AC RMS

Max. Single Pulse Transient Energy (10x1000us) Joules:
170J

Max. Single Pulse Surge Current (8x20us):
12kA L-N, L-G; 10kA N-G

Clamping Performance:
(L-N/L-G/N-G): 400/400/800V pk

Physical Specifications:

Housing:
Impact-resistant thermoplastic, Meets UL94, V2 rating

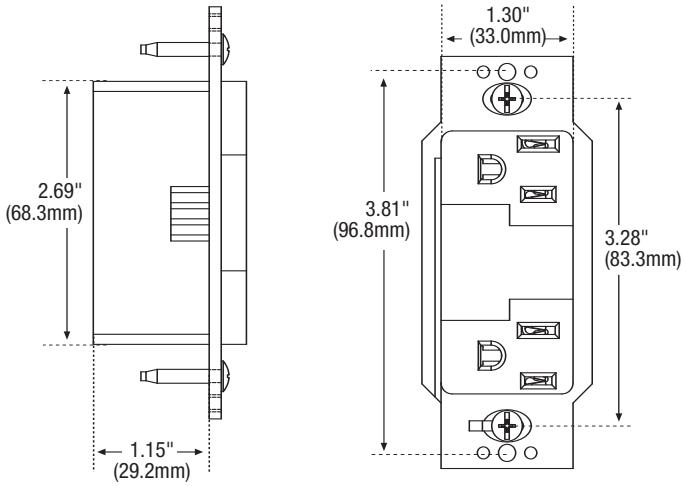
Physical Dimensions:
Designed for standard, single-gang wallbox

Mounting:
Mounting screws included

Wiring:
Standard 6" (152.4mm) leads, tripped 0.50" (12.7mm)

Standards Compliance:
Listed UL 1449 & 498, File No. E15058
File No. E102018 (for replaceable module) c UL us

Dimensions



1208

SurgeBloc® | TVSS Ordering Information

A	Rating V/AC	NEMA	Clamping Voltage*	Joules/MCOV	Maximum Surge Current**	Colors	Catalog No.
Commercial Specification Grade Duplex Receptacle							
15	125	5-15R	400V	170J/150V/AC RMS	12kA per mode	Almond, Ivory, White	1208
20	125	5-20R	400V	170J/ 150V/AC RMS	12kA per mode	Almond, Blue, Ivory, White	1210
Commercial Specification Grade Duplex Receptacle - Isolated Ground							
15	125	5-15R	400V	170J/150V/AC RMS	12kA per mode	Blue, Gray, Ivory, White	IG1208
20	125	5-20R	400V	170J/150V/AC RMS	12kA per mode	Blue, Gray, Ivory, White	IG1210
Replacement Module							
–	–	–	400V	170J/150V/AC RMS	12kA per mode	Almond, Blue, Gray, Ivory, White	1209

Color Key: To order, add these suffixes for color choice: A (Almond), V (Ivory), W (White), BL (Blue), GY (Gray)
*800V clamping voltage for N-G
**10kA per mode for N-G

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