

BVSP SERIES SURGE PROTECTION DEVICE

600 Vac • 10 kA



Description

The Littelfuse® BVSP surge protection device (SPD) is intended for the protection of transient voltage surge suppressions (TVSS) systems. The BVSP series has been designed to survive the 8 x 20 μs lightning surges described in various standards (UL 1449, IEC 61000-4-5 and IEEE C62.41) without opening. This allows the TVSS to perform the necessary suppression. The BVSP is not rated for continuous current and the ratings are specific 8 x 20 μs surge capability. The BVSP series can be used to facilitate TVSS module compliance to UL 1449 in permanently connected applications (abnormal overvoltage, unlimited current conditions).

Features/Benefits

- Very current limiting under AC short-circuit conditions
- Available in ferrule and printed circuit board (PCB) configurations
- Provides short circuit protection in TVSS systems and complements the Littelfuse line of overvoltage products (HA, HB34, TMOV® and iTMOV® varistors as well as the AK-10 series TVS diodes)

Applications

- TVSS products
- Surge arrestors

Recommended Fuse Holders

L60030M (open block).....	101
LFPSM (dead front)	110

Specifications

Voltage Rating	600 Vac
Interrupting Rating	200 kA
Ratings	10 kA 8 x 20 μs surge withstand

Ordering Information

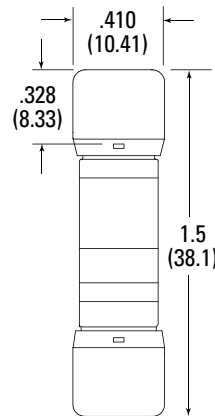
SERIES	8 X 20 μS SURGE RATING (A)	PACKAGE QUANTITY	MOUNTING METHOD	CATALOG NUMBER	ORDERING NUMBER
BVSP	10,000	10	Ferrule	BVSP10-2	BVSP0010TX2
BVSP	10,000	10	PCB Tabs	BVSP10-R	BVSP0010TXR

Electrical Specifications

CATALOG NUMBER	8 X 20 μS SURGE RATING (A)	NOMINAL MELTING I ² T (A ² S)	NOMINAL CLEARING I ² T (A ² S)	I _{peak} @ 200 kA 60 HZ (A)
BVSP10-2	10,000	1,580	9,960	8,160
BVSP10-R	10,000	1,580	9,960	8,160

Dimensions Inches (mm)

Ferrule Version



PCB Version

