

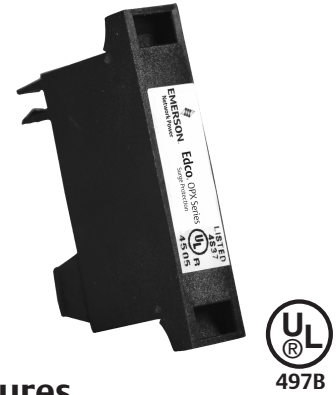
Edco OPX Series

Intercom/Speaker Punch Block Protection (Parallel)
Medium Exposure Applications

■ Surge Protection
For *Business-Critical Continuity™*

The Edco OPX Series surge protectors are specifically designed for medium exposure applications. Thus, the protectors can be used on pairs inside a building or leaving the building in conduit up to 500 feet. These protections are intended to be used in conjunction with the Edco MGB Ground Rail and a standard MI-50 Punch Down Block.

The Edco OPX Series offers several distinct advantages over other current technologies. Among the advantages are low cost, no series resistance, and durable, solid-state construction.



General Technical Specifications

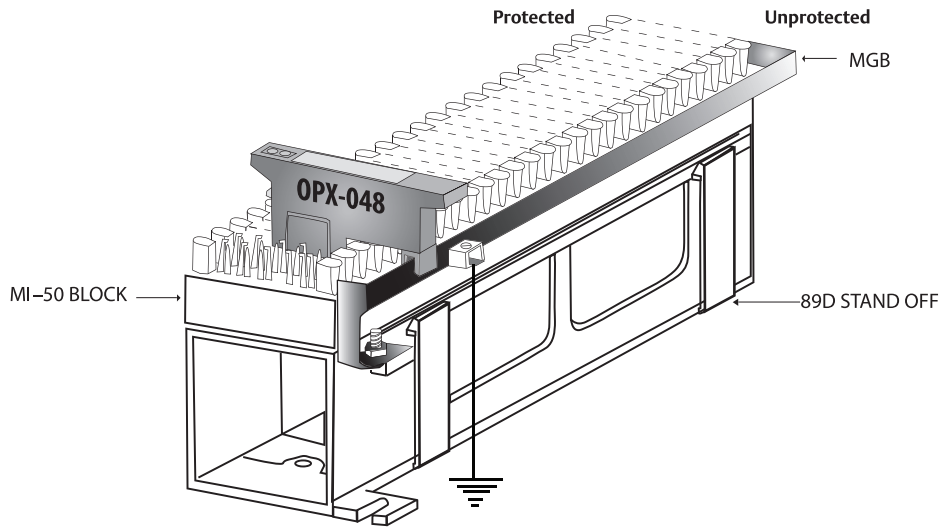
Part Number	Max Signal V	Nominal Breakdown V	Clamp Voltage 100V μ S (TYP)	Max Peak Pulse Current IP 10x1000 μ S	Max Clamp Voltage @ Ip	Typ Cap (pf)
OPX-015	12	15	21	124	25	2100
OPX-030	24	30	42	71	42	1180
OPX-048	42	48	66	45	66	900
OPX-CLN	12	15	21	124	25	700
OPX-SPK	35V RMS	56	n/a	200	105	1800

Features

- Silicon Avalanche Technology
- No series resistance
- Snaps onto M1-50 Block with Edco's MGB Ground Rail
- Response time <1 Nanosecond
- Instant recovery
- Compact Size: 1.3"H x 0.5"W x 1.5"L

Frequency Range	0 to 20 MHz
Insertion loss	< 0.1 dB at 20 MHz
SPD Technology	Silicon Avalanche Diode (SAD), OPX-SPK model uses MOV
Connection Type	Clip
Operating Temperature	-40°C to +85°C
Dimensions (Inches)	1.25H x 0.375W x 2.0L
Weight	1 oz
Certifications	UL 497B

Application Diagram



Read and Understand These Instructions:

These protectors are intended for indoor use on communication loop circuits which have been isolated from the Public Switch Telephone Network. The communication loop circuits shall not be exposed to accidental contact with the electric light or power conductors. The protectors shall be installed per the applicable requirements of the National Electric Code, ANSI/NFPA 70.

Caution

DO NOT daisy chain grounds. NOT intended for shield termination. Install ground in accordance with all applicable codes.

Ordering Information

Medium Exposure Applications	OPX-015
	OPX-030
	OPX-048
Call-In Circuit	OPX-CLN
Speaker Circuit	OPX-SPK

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