

### Surge Protective Device

### Technical Documentation



The **ASCO Model 132** surge protectors are specifically designed for medium exposure applications. Thus, the protector can be used on pairs inside a building or leaving the building in conduit up to 500 feet. These protections are used in conjunction with the ASCO MGBW Ground Rail and a standard MI-50 Punch Down Block.

The Model 132 offers several distinct advantages, including no series resistance, solid state construction, and low cost.

General Technical Specifications	
Operating Voltage	12, 24, 42 VDC
Clamping Voltage	15, 30, 48 VDC
Peak Surge Current	[132D015] 124A (10x1000 μs) [132D030] 72A (10x1000 μs) [132D048] 45A (10x1000 μs)
Max Clamp Voltage @ Peak	[132D015] 25V [132D030] 42V [132D048] 66V
Typical Capacitance	[132D015] 700pf [132D030] 1180pf [132D048] 900pf
Frequency Range	0 to 20 MHz
Insertion loss	< 0.1 dB at 20 MHz
SPD Technology	SAD
Connection Type	Clips to M1-50 Block
Operating Temperature	-40°C to +85°C
Dimensions (in / mm)	1.3 x 0.4 x 2.0 in. [33 x 10.2 x 50.8 mm.]
Weight (oz / kg)	1 oz [.03 kg]
Certifications	UL 497B
Limited warranty	5 years

### Key Specs

- **Voltage:** 0-42 VDC
- **Connection/Mounting:**  
Clips into 66M1-50 Block using MGBW ground rail

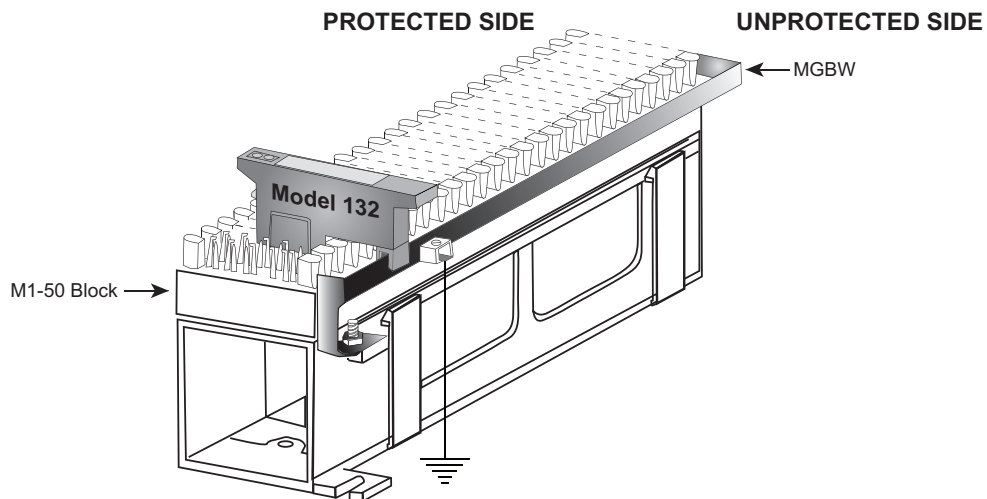
### Features

- Silicon Avalanche Technology
- No series resistance
- Snaps onto M1-50 Block with ASCO's MGBW Ground Rail
- Response time < 1 Nanosecond
- Instant recovery
- Compact Size:  
1.3 x 0.4 x 2.0 in.  
[33 x 10.2 x 50.8 mm.]

### Certifications

- UL 497B

## Application Diagram



### Ordering Information

#### MODEL

Former Model Name

#### APPLICATION

**132D015S124SPDN0**

*Edco OPX-CLN*

12 VDC Medium Exposure  
Applications Call-In Circuit

**132D048S045SPDN0**

*Edco OPX-048*

42 VDC Medium Exposure  
Applications

#### ACCESSORIES Former Accessory Name

**MGBW** *MGBW-LUG*

Ground Rail for 66M1-50 Block Installation  
*Holds 25 Units*