

Surge Protective Device

Technical Documentation



The **ASCO Model 131** surge protector is 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. This protection to be used in conjunction with the ASCO MGBW Ground Rail and a standard MI-50 Punch Down Block.

The Model 131 offers several distinct advantages, including no series resistance, solid state construction, and low cost.

General Technical Specifications	
Operating Voltage	35 VDC
Clamping Voltage	56 VDC
Peak Surge Current	200A (10x1000 μ s)
Max Clamp Voltage @ Peak	105V
Typical Capacitance	1800 pf
Frequency Range	0 to 20 MHz
Insertion loss	< 0.1 dB at 20 MHz
SPD Technology	MOV
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 [0.03 kg]
Certifications	UL 497B
Limited warranty	5 years

Key Specs

- **Voltage:** 35 VDC
- **Connection/Mounting:**
Clips into 66M1-50 Block using MGBW ground rail

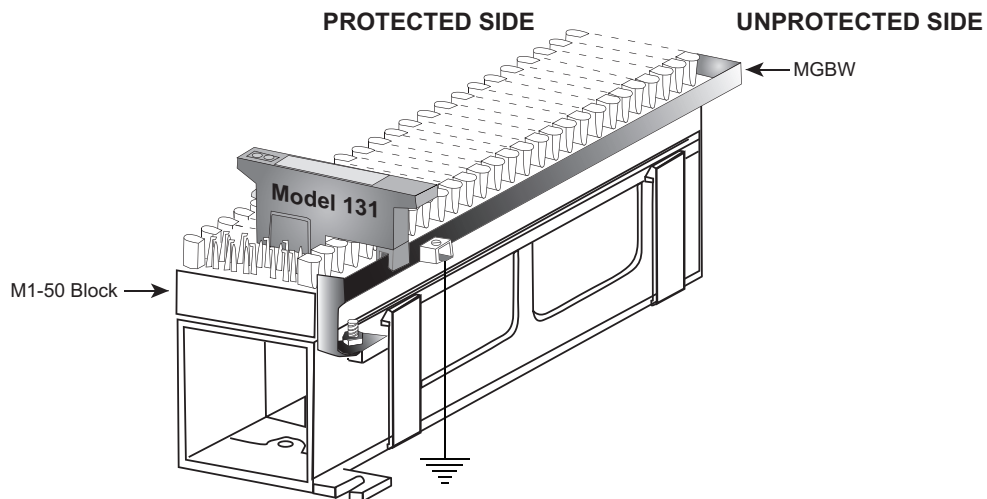
Features

- 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

131D056S200MPDN0

Edco OPX-SPK

Speaker Circuit

ACCESSORIES Former Accessory Name

MGBW *MGBW-LUG*

Ground Rail for 66M1-50 Block Installation