

Surge Protective Device

Technical Documentation



The **ASCO Model 150** surge suppressor directly installs onto electronic circuit wiring terminal screws. This close proximity preserves Model 150's response time, clamping level and ground reference by minimizing lead lengths. Model 150's miniature size fits directly inside fire or security panels, analog video housings and other system electronic enclosures. These features maximize surge suppression performance while reducing hardware and labor costs to install.

Key Specs

- **Voltage:** 0-40 VDC
- **Current:** 2 Amp
- **Connection:** Hardwire/Terminal Block - accepts up to 12 AWG
- **Mounting:** Mounts to wiring terminal screws

General Technical Specifications

Operating Voltage	40 VDC
Clamping Voltage	43 VDC
Operating Current	2 A
Peak Surge Current	46.5 A (10 x 1000 µs)
Frequency Range	0 to 20 MHz
Insertion Loss	< 0.1 dB at 20 MHz
SPD Technology	Silicon Avalanche Diode (SAD)
Connection Type	Terminal block w/compression lugs Terminals accept up to 12 AWG
Operating Temperature	-40°C to +85°C
Dimensions (in / mm)	1.3 in. H x 0.4 in. W x 2.0 in. L [33 x 10 x 51 mm]
Weight (oz / kg)	0.6 oz [0.02 kg]
Certifications	UL 497B
Limited Warranty	5 years

Features

- Fits Euro style and barrier strip terminals
- Automatic recovery
- Single pair protection
- High energy silicon avalanche technology
- Operating current > 2 Amps

Ordering Information

MODEL

Former Model Name

150D043S047SN2N0

Edco TER-043

APPLICATION

12 VDC, 24 VDC, 24 VAC Systems
Zone, Buss, Loop, Data, Receive, Bell,
Horn, Strobe, Pan/Tilt & Analog Video

Certifications

- UL 497B