

Surge Protective Device

Technical Documentation



The **ASCO Model 149** is a 15 pin surge suppressor used for protection of all devices on Port 1 Synchronous Data Link Control (SDLC).

Key Specs

- **Voltage:** 5 VDC
- **Current:** 1.5 Amp
- **Connection:** Input: DB-15 (15 pin)
Output: DB-15 (15 pin)
- **Mounting:** Port Mounted

*See Ordering Information for model number selection

General Technical Specifications

Operating Voltage	5 VDC
Clamping Voltage	8 VDC
Operating Current	1.5A
Peak Surge Current	47A (10 x1000µs)
Frequency Range	0 to 20 MHz
Insertion Loss	< 0.1 dB @ 20 MHz
SPD Technology	Silicon Avalanche Diode (SAD)
Connection Type	DB-15
Operating Temperature	- 40°C to + 85°C
Dimensions (in / mm)	1.5" H x 0.625" W x 2.25" L [50.8 x 25.4 x 63.5 mm]
Weight (oz / kg)	1.25 oz [0.03 kg]
Warranty	5 years

Pin Out

PIN	FUNCTION
1	Rx Data +
2	Logic Ground
3	Rx Clock +
4	Logic Ground
5	Tx Data +
6	Logic Ground
7	Tx Clock +
8	Logic Ground
9	Rx Data -
10	Port 1 Disable (0 VDC = disable)
11	Rx Clock -
12	Earth Ground
13	Tx Data -
14	Reserved
15	Tx Clock -

Ordering Information

MODEL

Former Model Name

APPLICATION

149D008S047SDBN0

Edco SRS-BIU-15

5 VDC

Model 149 Additional Parts



⚠ DANGER!

Only qualified personnel should install or service this system. Electrical safety pre-cautions must be followed when installing or servicing this equipment. To prevent risk of electrical shock, turn off and lock out all power sources to the unit before making electrical connections or servicing.

Seulement le personnel qualifié doit installer ou maintenir ce système. Des précautions de sécurité en électricité doivent être suivies lors de l'installation ou de la maintenance de cet équipement. Pour éviter tout risque de choc électrique, débranchez et verrouillez toutes les sources d'alimentation de cet équipement avant de.