



The **ASCO Model 265** surge suppressor is specifically designed for use with electronic instruments in the water/wastewater industries. It combines hybrid AC power protection and signal line protection in a NEMA-4X polycarbonate enclosure. The 120VAC power suppressor has a 15 Amp replaceable fuse. A “Power ON” LED provides visual indication that power is applied to instruments. All input cabling to the Model 265 board are terminated by quick disconnect or barrier block connectors to facilitate easy removal for service or replacement.

Key Specs

- **Voltage:**
AC = 120 VAC
DC = 0-36V (Signal Lines)
- **Max. Operating Current:**
AC = 15 Amp
Signal Current = 150 mA
- **Connection:**
(AC) Hardwire/Terminal Block,
(DC) Hardwire/Terminal Block
- **Mounting:** Wall Mount

General Technical Specifications

AC Power Protection

Operating Voltage	120 VAC, 47-63 Hz	
Clamping Voltage	Normal Mode (L-N)	Common Mode (L-G) (N-G)
	IEEE C62.41.2 Cat A Ringwave (6kV / 200A)	172 V 280 V
	IEEE C62.41.2 Cat B Ringwave (6kV / 500A)	205 V 280 V
	IEEE C62.41.2 Cat B Combo Wave (6kV / 3kA)	330 V 360 V
Maximum Operating Current	15 A	
Peak Surge Current	39 kA (8x20 µs)	
SPD Technology	MOV/Inductor/Capacitor	
EMI Attenuation	>40dB (100kHz - 100MHz)	

Signal Line Protection

Operating Voltage	0-36V
Maximum Operating Current	150 mA (0.15 A)
Peak Surge Current	10 kA (8x20 µs)
SPD Technology	GDT/PTC/SAD
Series Resistance	5 Ohm (Typical)

Features

- Lightning and surge suppression for AC power and low-voltage signal lines
- Series hybrid AC suppressor/filter
- Replaceable plug-in low voltage protection module
- 15 Amp replaceable fuse
- Response time < 5 nanoseconds
- Test jacks for signal line monitoring
- “Power ON” indicator (LED)
- Optional 304 stainless steel or fiberglass enclosure
- 5 year limited warranty

Certifications

- UL 497B
- UL 1449 4th Edition, Type 2

Ordering Information

MODEL

Former Model Name

ENCLOSURE

265120NF015LD5J0

Edco SLAC-12043LC

NEMA 4X (polymeric)

265120NF015LD5H0

Edco SLAC-22043LC

NEMA 4X (304 stainless steel)

Note - for AC protection only in NEMA 4x enclosure see Model 252 (Edco HSP-121A).

Other Models Available. Contact Factory.

Enclosure Dimensions (in. / mm.)

Enclosure Type		H	W	D
NEMA 4X Polymeric (<i>Standard</i>)	J	7.0 in. (178.0 mm.)	7.0 in. (178.0 mm.)	3.0 in. (76.0 mm.)
NEMA 4X 304 Stainless Steel (<i>Optional</i>)	H	11.5 in. (292.1 mm.)	9.009 in. (228.83 mm.)	4.3 in. (109.22 mm.)