

Edco FAS-120AC

120 VAC Medium Duty (Parallel) AC-Hardwire

The Edco FAS-120AC surge suppressor is designed to protect AC distribution panel circuits or 120 V power supplies feeding sensitive electronic equipment. Electrically, the unit incorporates MOV and thermal fusing technology. The Edco FAS-120AC is designed to be installed in parallel on standard single phase 120 VAC (L,N,G) circuits.

General Technical Specifications

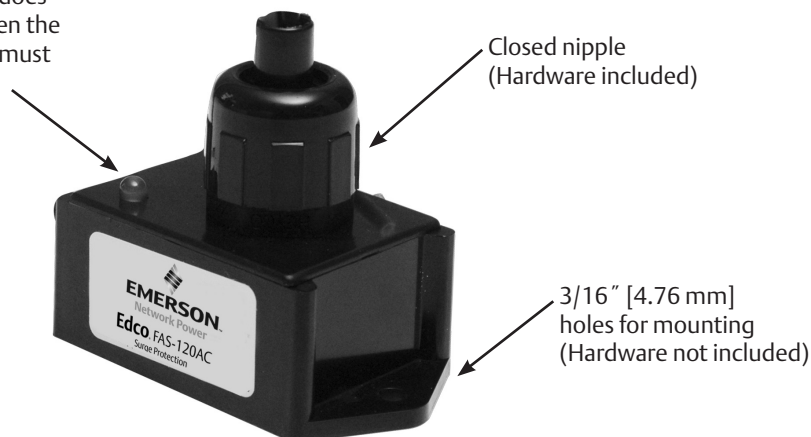
Operating Voltage	120 VAC
Total Peak Surge Current	15.5 kA (8 x 20 μ s)
Short Circuit Current Rating	5 kAIC
Location Type	Type 2
I-Nominal	3 kA
UL 1449 VPR Rating	700 V (L-N, L-G), 900 V (N-G)
Operating Current	NA, Parallel
Operating Frequency	47-63 Hz
EMI Attenuation (100 kHz to 100 MHz)	> 25 dB
SPD Technology	Metal Oxide Varistors (MOVs)
Modes of Protection	Line-to-Neutral, Line-to-Ground, Neutral-to-Ground
Status Indication	Power On & MOV Functional
Connection Type	#14 Wire Leads, 12" Long
Operating Temperature	-40°C to +85°C
Dimensions (in / mm)	2.5" H x 1.5" W x 3.0" L [63.5 x 38.1 x 76.2 mm]
Weight (oz / kg)	4.2 oz [0.12 kg]
Certifications	ANSI/UL1449 Third Edition



Features

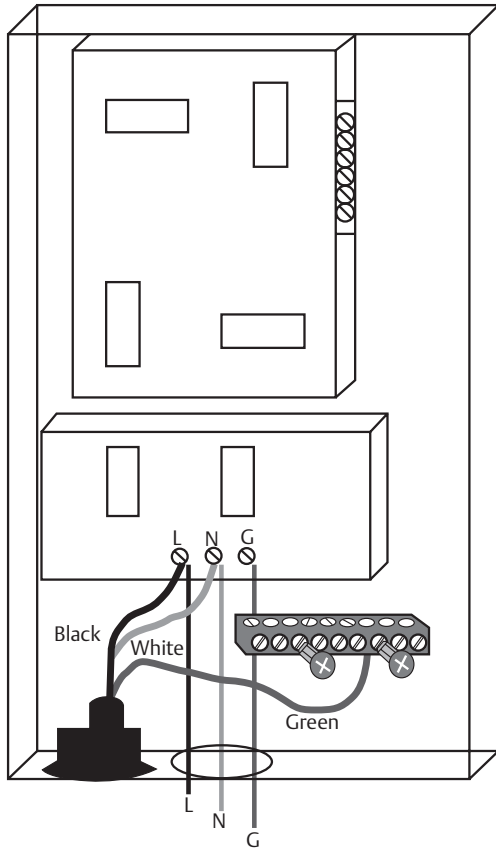
- LED indication
- Fast response time
- Thermal fusing
- L-G, L-N & N-G protection
- Compact size
- Liquid tight conduit fitting
- ANSI/UL 1449 Third Edition
- 5 year warranty

FAILURE INDICATOR:
If failure indicator does not illuminate green the Edco® FAS-120AC must be replaced.



Installation Instructions

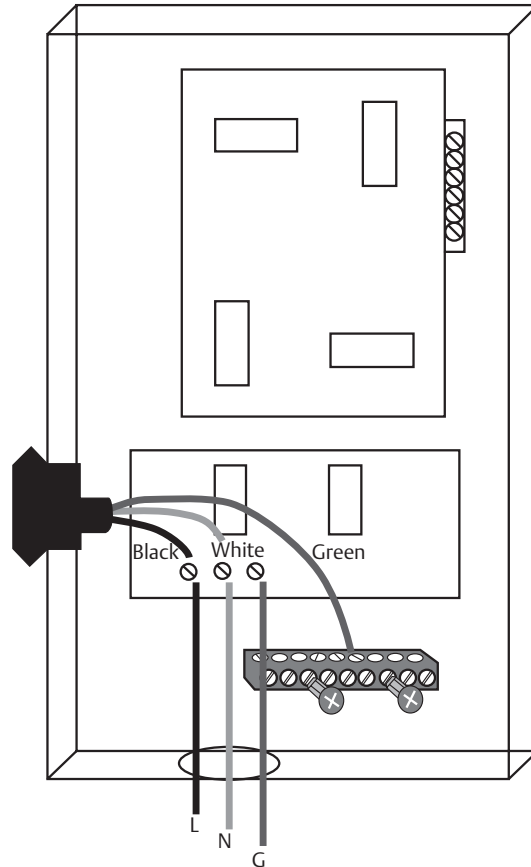
Mounting Inside Fire/Security Panel



- Connect on load side of main breakers.
- A ground bus can be installed in cabinet to provide a single point ground.
- Keep wires short and straight as possible for best suppression performance.

Installation can be close-nipple up to a distribution panel/ circuit or hardwired in parallel up to power supply input terminal screws. Be sure to dress leads as short as possible.

Mounting Outside (closed nipple 3/4") Fire/Security Panel



⚠ 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.

Emerson Network Power Contact information

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