Edco SHA 1250/SHA-1250-BASE-A

120 VAC Single Phase Modular Filter with Base

The Edco SHA-1250 is an upgraded version of the Edco SHA-1210IRS. The two models are equal in surge protection performance. The Edco SHA-1250 also incorporates two LEDs for failure indicator in a modular package (utilizes 12-pin Beau connector). The hardwire terminal base (Edco SHA-1250-BASE-A, ordered separately) accommodates all wiring and the protection module is designed for easy replacement.

The footprint of the Edco SHA-1250-BASE-A is the same as the Edco ACP-340 and Edco SHA-1210. This makes retrofitting older cabinets easy because internal wire lengths do not have to be adjusted.

The Edco SHA-1250 offers remote sensing circuitry output that is a dry relay contact closure suitable to interface with a modem or computer port for polling remotely. With this feature, a central computer could detect a failed Edco SHA-1250 at the intersection.

The Edco SHA-1250 provides excellent noise suppression over a large frequency range. Typical noise attenuation is 10db at 10kHz, 50db at 100kHz and 90db at 1MHz.

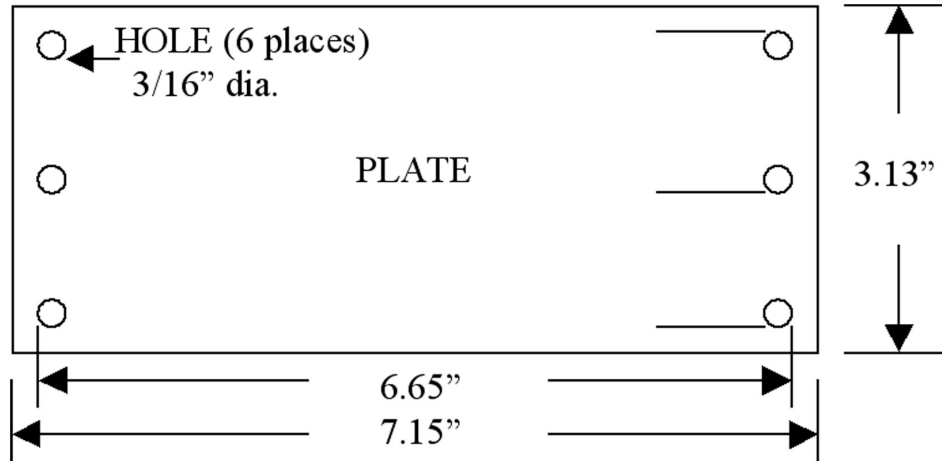*(Edco SHA-1250-BASE-A, ordered separately)*

General Technical Specifications

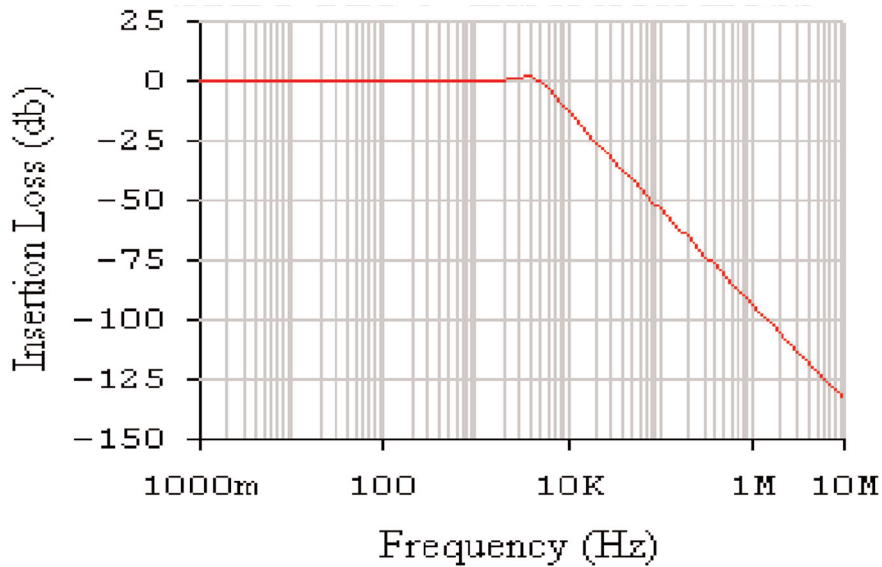|	
Operating Voltage	120VAC
Clamping Voltage	340VAC
Operating Current	15A
Peak Surge Current	45kA/Phase, 60kA/Total
Operating frequency	47-63Hz
EMI Attenuation	50 dB typ
SPD Technology	TMOVs w/L-C Filter
Modes of Protection	L-N, L-G, N-G
Status Indication	Power On & MOVs functional
Connection Type	1/4-20 SS Stud base, plug-in module operating
Operation Temperature	-40°C to +85°C
Dimensions (Inches, Module + Base)	3.5H x 3.125W x 7.125L
Weight	1 lb., 11.5 oz

Features

■ Plug-in module

■ LED indication

■ Filtering

■ Remote-sensing circuitry

■ 5 year warranty

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Mounting

HOLE (6 places)
3/16" dia.

PLATE

3.13"

6.65"

7.15"

SHA-1250 Insertion Loss

PIN OUT

Line In 1, 2

Neutral In 11, 12

Ground 3, 4, 9, 10

Line Out .5

Neutral Out 7

Relay NC .8

Relay Com 6

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