

### Traffic Signaling Products

The **SHA-1250** is an upgraded version of the SHA-1210IRS. The **SHA-1250** also incorporates two LED's for failure indication in a modular package (Utilizes 12 pin Beau connector). The hardwire terminal base (**SHA-1250-BASE-A**, ordered separately) accommodates all wiring and the protection module is designed for easy replacement. The footprint of the **SHA-1250-BASE-A** is the same as the ACP-340 and SHA-1210. This makes retrofitting older cabinets easy because internal wire lengths do not have to be adjusted.



**SHA-1250 and SHA-1250-BASE-A**  
(Sold Separately)

The **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 **SHA-1250** at the intersection.

The **SHA-1250** provides excellent noise suppression over a large frequency range. Typical noise attenuation is 10db @ 10 Khz, 50db @ 100 Khz and 90db @ 1 Mhz.

#### SPECIFICATIONS

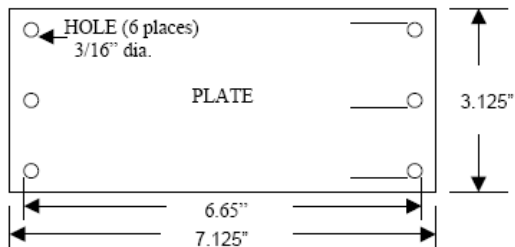
Operating Voltage	120 VAC
Clamping Voltage	340 VAC
Operating Current	15 A
Peak Surge Current	26 kA /Mode, 32.5 kA /Phase, 45.5 kA /Total
Operating Frequency	47-63 Hz
EMI Attenuation	50 dB typ
SPD Technology	Metal- Oxide -Varistors (MOVs) w/ L-C Filter
Modes of Protection	L-N, L-G, N-G
Status Indication	Power On & MOV's functional
Connection Type	1/4-20 Stainless Steel Stud Base, Plug-in Module
Operating Temperature	-40 C to +85 C
Dimensions (Inches)	7.13L x 3.5H x 3.13W (Module + Base)
Weight	1 lb 11.5 oz (Module + Base)

#### INSTALLATION

##### 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

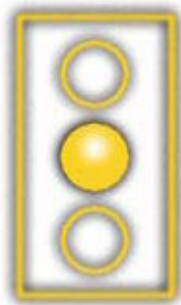
#### MOUNTING



#### CAUTION

This product could become excessively hot and rupture in the rare event of power line conditions or surge that exceed its rated operating specification. Appropriate precautions should be exercised. High voltages are present on electrical termination. Unit should be serviced by qualified personnel only.

**Keeping  
You  
Connected!**



**NEED HELP?**  
Call 1-800-648-4076

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