

GILLETTE GENERATORS

1340 WADE DRIVE
ELKHART, INDIANA 46514-9488
PH: (800) 777-9639 • FAX: (574) 262-1840

NEW PRODUCT RELEASE AUGUST 2005

S-26 ALARM SYSTEM INTERFACE

Gillette Generators, Inc. is happy to announce the introduction of a new product available for both the **residential** and **commercial standby generator sets**. The **S-26 Alarm System Interface** is simply three different notification devices, which allow you to better protect your new or existing investment from harms way.

Unlike in the past, we now are able to **factory install** the **S-26 Audible Alarm** package before shipping your unit.

Now, the only questions for you to answer are:

1. Which device should I choose?
 - A) **Audible Alarm** : Mounted inside enclosure by factory
 - B) **Flashing Light**: Surface mounted by installer
 - C) **Strobing Light**: Conduit mounted by installer

2. Which color do I want for the flashing light?
 - A) Red
 - B) Amber
 - C) Green

For complete details on this special applications feature, please refer to the attached document.

Also, do not hesitate to contact me for any immediate questions or concerns regarding the S-26 Alarm System Interface.

Kindly,

Rodney Weimer

Rodney Weimer
National Sales/Marketing Mgr
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August 10, 2005

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SPECIAL APPLICATION FEATURES FOR SENTRY-PRO S-26 ALARM INTERFACE EXTENSIONS

PART NO.	PART	DESCRIPTION FOR ITEMS, USED WITH BOTH 2-POLE 3600 RPM AND 4-POLE 1800 RPM STANDBY SETS	LIST PRICE
S-26	ALARM SYSTEM INTERFACE ONLY (INSTALLED BY GILLETTE)	SYSTEM CONSISTS OF RUN (NORMAL OPERATION) RELAY AND FAIL/ WARNING RELAY. THIS SYSTEM REQUIRES WIRING CONNECTIONS (FURNISHED BY OTHERS) TO THE GENSET RELAY DRY CONTACT TERMINAL STRIP PROVIDED AND AN AUDIBLE ALARM OR OTHER TYPE SIGNAL (ALSO FURNISHED BY OTHERS).	\$120.00
S-26K	ALARM SYSTEM INTERFACE RETROFIT KIT ONLY (LOOSE)	SYSTEM CONSISTS OF RUN (NORMAL OPERATION) RELAY AND FAIL/ WARNING RELAY. THIS ASSEMBLY REQUIRES WIRING (FURNISHED BY OTHERS) TO THE GENERATOR CONTROLLER CONNECTORS ON GENSET. THIS IS A RETROFIT KIT FORM OF INTERFACE MOUNTED TO A GENERIC BRACKET FOR EASY INSTALLATION (BY OTHERS).	\$71.00
S-26AI	ALARM SYSTEM INTERFACE WITH 12VDC AUDIBLE ALARM (INSTALLED BY GILLETTE)	SYSTEM CONSISTS OF RUN (NORMAL OPERATION) RELAY AND FAIL/ WARNING RELAY. FAIL/ WARNING RELAY IS WIRED TO A 12VDC AUDIBLE ALARM WITH A 97 DB RATING AT 4 METERS. THIS ALARM INTERFACE IS FACTORY INSTALLED ON ANY STANDBY GEN-SET AND FULLY WIRED TO PROVIDE AN AUDIBLE ALARM DURING ANY SYSTEM FAILURE OR SYSTEM WARNING ALERT.	\$294.00
S-26AK	ALARM SYSTEM INTERFACE WITH 12VDC AUDIBLE ALARM (LOOSE)	SYSTEM CONSISTS OF RUN (NORMAL OPERATION) RELAY AND FAIL/ WARNING RELAY. THIS SYSTEM REQUIRES WIRING CONNECTIONS (FURNISHED BY OTHERS) TO THE GENSET RELAY DRY CONTACT TERMINAL STRIP PROVIDED AND THE AUDIBLE ALARM DEVICE (SHIPPED LOOSE TO BE INSTALLED BY OTHERS).	\$197.00
S-26BI (COLOR)	ALARM SYSTEM INTERFACE WITH 12VDC FLASHING LIGHT (INSTALLED BY GILLETTE)	SYSTEM CONSISTS OF RUN (NORMAL OPERATION) RELAY AND FAIL/ WARNING RELAY. FAIL/ WARNING RELAY IS WIRED TO A 12VDC FLASHING ALARM LIGHT WITH A 12VDC BATTERY DRIVEN SOURCE. THIS ALARM INTERFACE IS FACTORY INSTALLED ON ANY STANDBY GEN-SET AND FULLY WIRED TO PROVIDE A FLASHING LIGHT ALARM SIGNAL DURING ANY SYSTEM FAILURE OR SYSTEM WARNING ALERT. AVAILABLE IN RED OR AMBER (SPECIFY COLOR)	\$303.00
S-26BK (COLOR)	ALARM SYSTEM INTERFACE WITH 12VDC FLASHING LIGHT (LOOSE)	SYSTEM CONSISTS OF RUN (NORMAL OPERATION) RELAY AND FAIL/ WARNING RELAY. THIS SYSTEM REQUIRES WIRING CONNECTIONS (FURNISHED BY OTHERS) TO THE GENSET RELAY DRY CONTACT TERMINAL STRIP PROVIDED AND 12VDC FLASHING ALARM LIGHT WITH A 12VDC BATTERY DRIVEN SOURCE (SHIPPED LOOSE TO BE INSTALLED BY OTHERS). AVAILABLE IN RED OR AMBER (SPECIFY COLOR)	\$205.00
S-26CI (COLOR)	ALARM SYSTEM INTERFACE WITH 12VDC STROBING LIGHT (INSTALLED BY GILLETTE)	SYSTEM CONSISTS OF RUN (NORMAL OPERATION) RELAY AND FAIL/ WARNING RELAY. FAIL/ WARNING RELAY IS WIRED TO A 12VDC STROBING ALARM LIGHT WITH A 12VDC BATTERY DRIVEN SOURCE. THIS ALARM INTERFACE IS FACTORY INSTALLED ON ANY STANDBY GEN-SET AND FULLY WIRED TO PROVIDE A STROBING LIGHT ALARM SIGNAL DURING ANY SYSTEM FAILURE OR SYSTEM WARNING ALERT. AVAILABLE IN RED, AMBER OR GREEN (SPECIFY COLOR)	\$341.00
S-26CK (COLOR)	ALARM SYSTEM INTERFACE WITH 12VDC STROBING LIGHT (LOOSE)	SYSTEM CONSISTS OF RUN (NORMAL OPERATION) RELAY AND FAIL/ WARNING RELAY. THIS SYSTEM REQUIRES WIRING CONNECTIONS (FURNISHED BY OTHERS) TO THE GENSET RELAY DRY CONTACT TERMINAL STRIP PROVIDED AND 12VDC STROBING ALARM LIGHT WITH A 12VDC BATTERY DRIVEN SOURCE (SHIPPED LOOSE TO BE INSTALLED BY OTHERS). AVAILABLE IN RED, AMBER OR GREEN (SPECIFY COLOR)	\$233.00



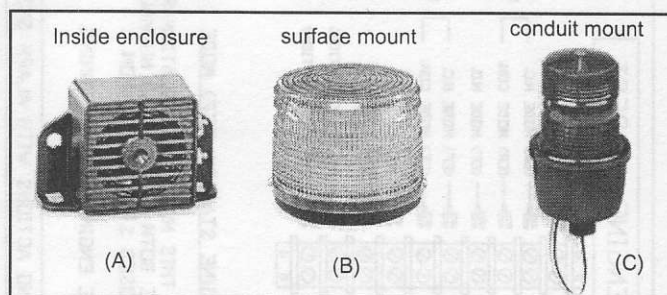
S-26 ALARM INTERFACE APPLIED TO THE 3600 RPM ENCLOSURE CONTROL BOX



S-26 ALARM INTERFACE APPLIED TO THE 1800 RPM CONTROLLER BOX

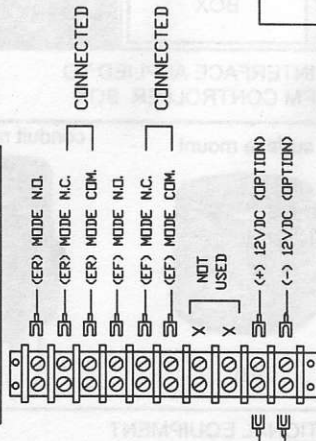


S-26 ALARM SYSTEM INTERFACE APPLIED TO 3600 RPM DAIHATSU AND OPEN HONDA UNITS



S-26 OPTIONAL EQUIPMENT (A) AUDIBLE ALARM, (B) FLASHING LAMP (C) STROBING LAMP

ENGINE AT REST

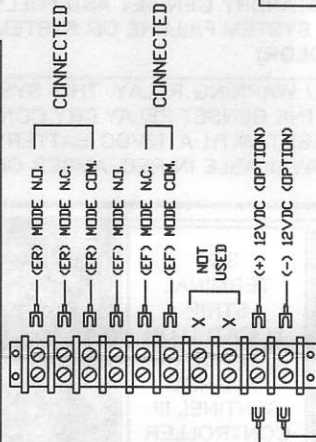


ENGINE STANDBY (OFF) MODE

IN THIS MODE THE ISOLATION RELAYS ARE BOTH IN THE (N.C.) NORMALLY CLOSED STATE TO COMMON.
THE ENGINE IS NOT RUNNING.

* NO ACTIONS WITH ALARM SYSTEM *

ENGINE STARTS AND RUNS

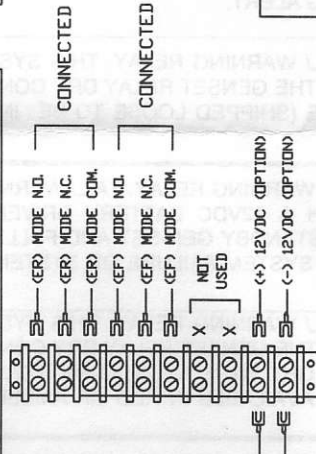


ENGINE RUN MODE

IN THIS MODE THE (E.R.) ENGINE RUN ISOLATION RELAY HAS CHANGED STATE WHERE THE (N.O.) CONTACT CLOSING TO THE (E.R.) COMMON CONTACT. THE (E.F.) CONTACTS DO NOT CHANGE STATE.
THE ENGINE IS RUNNING.

* NO ACTIONS WITH ALARM SYSTEM *

ENGINE REMAINS RUNNING



ENGINE PRE-ALARM/ MODE

IN THIS MODE THE (E.R.) ENGINE RUN ISOLATION RELAY HAS REMAINED IN ITS CHANGED STATE WHERE THE (N.O.) CONTACT CLOSING TO THE (E.R.) COMMON CONTACT.

THE (E.F.) CONTACTS NOW HAVE ALSO CHANGED STATE OPENING THE (E.F.) (N.C.) NORMALLY CLOSED CONTACTS AND CLOSING THE (N.O.) NORMALLY OPEN CONTACTS TO (E.F.) COMMON.

THE ENGINE REMAINS RUNNING.

* ALARM DEVICE ACTIVATES :

AUDIBLE ALARM SOUNDS OR

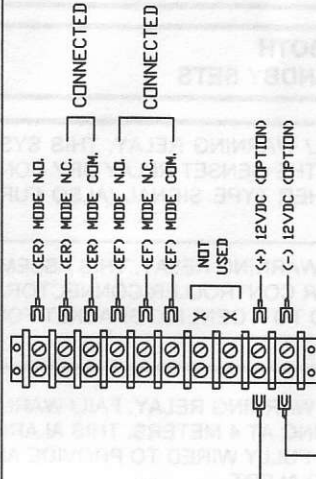
ALARM LAMP FLASHES OR BOTH

ALARM LEVEL CONSIDERED TO BE

WARNING ONLY NOT REQUIRING

SHUTDOWN OF ENGINE

ENGINE STOPS DUE TO FAILURE



ENGINE FAIL MODE

IN THIS MODE THE (E.R.) ENGINE RUN ISOLATION RELAY HAS RETURNED TO ITS ORIGINAL STATE WHERE THE (N.C.) CONTACT CLOSING TO THE (E.R.) COMMON CONTACT.

THE (E.F.) CONTACTS REMAIN IN THEIR CHANGED STATE OPENING THE (E.F.) (N.C.) NORMALLY CLOSED CONTACTS AND CLOSING THE (N.O.) NORMALLY OPEN CONTACTS TO (E.F.) COMMON.

THE ENGINE SHUTS DOWN AND STOPS RUNNING.

* ALARM DEVICE ACTIVATES :

AUDIBLE ALARM SOUNDS OR

ALARM LAMP FLASHES OR BOTH

ALARMS STATUS CONTINUES ON-GOING

UNTIL PROBLEM IS CORRECTED AND

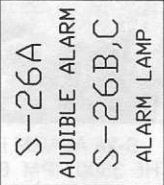
SYSTEM IS RESET.

ALARM LEVEL CONSIDERED TO BE

SEVERE REQUIRING SHUTDOWN OF

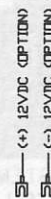
ENGINE

ALARM SYSTEM INTERFACE LOGIC DESCRIPTION



ENGINE FAIL RELAY CONNECTIONS

+12VDC FROM N.O. TO DEVICE
+12VDC TO COMMON



			
GILLETTE GENERATORS, INC. 1340 WADE DR., ELKHART, IN 46514 (574) 264-9639			
DESCRIPTION: ALARM LOGIC FUNCTIONAL DESCRIPTION			
APPLIED TO SENTINEL-III CONTROLLER SYSTEM			
DATE: 3-28-05	PT. NO: N/A	SCALE: N/A	CAD_NO.: 050803.12.00.00
DR.BY: TEDD	ENG. RH	PG.NO. 1 OF 1	DRAWING NO.: ALARM EXTENSION RELAYS
REV 0			0