



# STANDBY GENERATOR ACCESSORIES

## 21 Light Remote Annunciator

Liquid-Cooled Generator Sets

Model 5465  
 Model 5466  
 Model 5464



### DESCRIPTION

The Remote Annunciator Panel provides remote monitoring and annunciation of up to 18 generator parameters using LED's located on the annunciator keypad. It also provides two system level warnings which are System Ready and Communications OK. The Relay panel has up to 8 selectable functions on form A relays, and multiple relay panels can be connected for all 18 generator parameters.






















The specific faults can be selected using either the DIP switches located on the annunciator circuit board or through a computer via the RS232 connection on the circuit board. All relays are energized on power up and open during a fault condition. Communication is via a RS485 serial data link and power is supplied by the generator battery (+12 VDC or +24 VDC)

**Note: These units are only compatible with the H-series generator controller (70-150 kW)**

### ENVIRONMENTAL SPECIFICATIONS

Operating Temperature.....	-25 ° C to 60 ° C
Humidity.....	0 to 95% Non-Condensing
Power Supply.....	+12 or +24 VDC
Power Usage .....	6 Watts typical
Power Supply.....	Generator Battery
Communication Line.....	RS485 fully isolated twisted pair cable with shield
Maximum Cable Length.....	4000 feet
Relay Output.....	One NO contact (Energized when annunciator is powered and no faults are present)
Relay Contact Rating.....	30 VDC, 1 amp

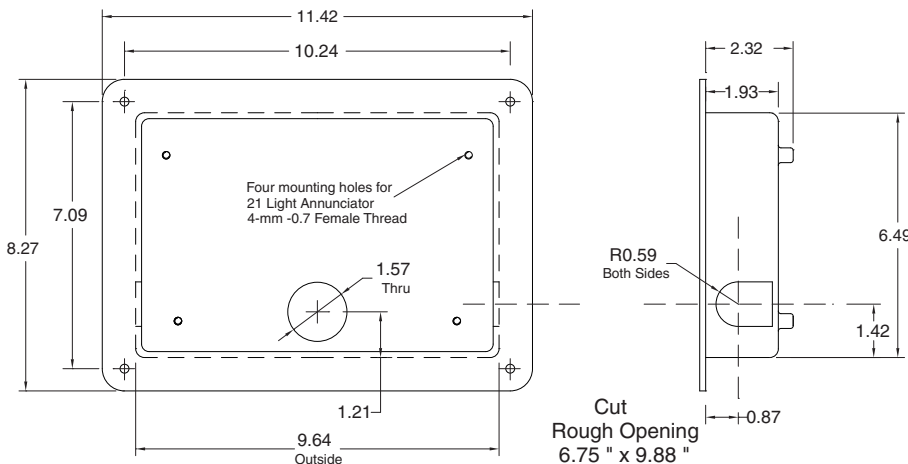
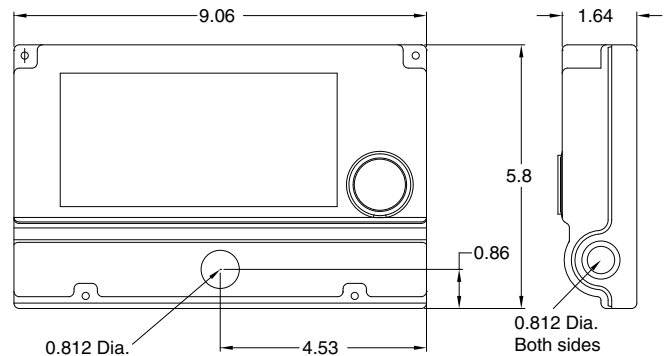


Function	Color	Alarm	Latched
Pre-Low Oil Pressure	Yellow 	Yes	Yes
Pre-High Water Temp	Yellow 	Yes	Yes
Pre Low Water Temp	Yellow 	Yes	Yes
Pre-Low Fuel	Yellow 	Yes	Yes
Battery Charge AC Fail	Yellow 	Yes	No
Low Battery Voltage	Yellow 	Yes	No
High Battery Voltage	Yellow 	No	No
Not in Auto	Red 	Yes	No
RPM Sensor Loss	Red 	Yes	Yes
Overcrank	Red 	Yes	Yes
Overspeed	Red 	Yes	Yes
Low Oil Pressure	Red 	Yes	Yes
Hi Water Temp	Red 	Yes	Yes
Low Water Level	Red 	Yes	Yes
Emergency Stop	Red 	Yes	No
Gen Running	Yellow 	No	No
Gen Power (ATS)	Yellow 	No	No
Line Power (ATS)	Green 	No	No
Systems Ready	Green 	Yes	No
Communications OK	Green 	Yes	No
Spare	Green 	No	No

Spare Keypad Switch - Can be used to implement a remote start function. (Model 5464 only)

### Surface Mount Annunciator

The 21-Light Annunciator can mount to a flat surface with connections through the 0.812 Dia. knockout on the back surface or through 0.812 knockouts on sides as shown.



### Flush Mount Annunciator

This Flush Mount Box is recessed into the wall opening and the surface mount annunciator mounts to the (4) 4 mm screw holes on the back surface. After wire connections are made the front annunciator cover is attached.



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