

EMCP 3 ANNUNCIATOR

The EMCP 3 Annunciator serves to display generator set system alarm conditions and status indications. The Annunciator has been designed for use on the EMCP 3 J1939 Communication Network and may be used in either local or remote applications, providing customers with enhanced site flexibility.

In local applications, the Annunciator may be mounted on the package generator set with the EMCP 3 Controller to provide a complete package-mounted monitoring solution.

The Annunciator may also be mounted separate from the generator set to provide remote indication of system operating and alarm conditions.

The EMCP 3 Annunciator is configurable to the standards of NFPA 99/110 for emergency standby generator systems.



FEATURES

- The EMCP 3 Annunciator provides sixteen (16) individual points of annunciation, with two (2) LED's included for each point.
- An additional pair of LED's provides status indication of the J1939 data link connection.
- Includes alarm horn with lamp test and alarm acknowledge pushbuttons.
- Configurable using standard Caterpillar® Service Tool
- Configurable to NFPA 99/110 requirements for local and remote annunciation on emergency standby generator systems.
- Provides custom label kit including software for customer's specific alarms and arrangement
- Designed and tested to meet stringent impulse shock and operating vibration requirements
- Uses high quality shielded twisted-pair cable for robust remote communications
- Graphic symbols are provided next to each pair to indicate various alarms and events
- The Annunciator can be mounted either locally, on the package generator set, or remotely (up to 800 feet)
- Provides superior visibility of the LED's in direct sunlight

SPECIFICATIONS

Technical Data

Electrical

Battery Voltage Functional Range: 9 to 32 VDC

Power Consumption

Maximum: ≈ 12 watt at 24 VDC

Standby: ≈ 5 watt at 24 VDC

Control Power: 12-24 VDC

Communication: J1939 (Accessory Data Link)

Single, 6-pin Connector

Alarm

Sound Level 80 db

PHYSICAL

Weight

4 lb or ≈ 1.8 kg

ENVIRONMENTAL

Operating Temperature

-40° C to 70° C

-40° F to 158° F

Storage Temperature

-50° C to 70° C

-58° F to 158° F

Relative Humidity

90%

CERTIFICATIONS

UL Recognized



LED COLOR SCHEME

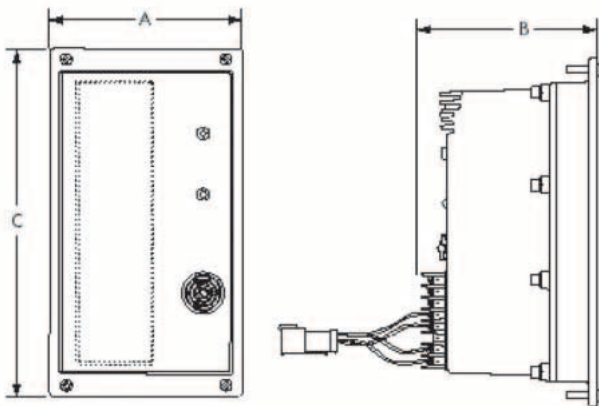
Each pair of LED's on the Annunciator consists of two of three colors: green, yellow and red, which allows for custom configuration of status, warning and shutdown conditions.

The available colors and combinations are:

Row	LED 1	LED 2
1	Red	Yellow
2	Red	Yellow
3	Red	Yellow
4	Red	Yellow
5	Red	Yellow
6	Red	Yellow
7	Red	Yellow
8	Red	Yellow
9	Red	Yellow
10	Red	Yellow
11	Red	Yellow
12	Red	Yellow
13	Green	Yellow
14	Green	Yellow
15	Red	Green
16	Red	Green

STANDARD LED CONFIGURATION

- Emergency stop shutdown
- Overcrank shutdown
- Low coolant temperature warning
- High coolant temperature warning/shutdown
- Low oil pressure warning/shutdown
- Overspeed warning/shutdown
- Low coolant level warning/shutdown
- Low fuel level warning/shutdown
- EPS supplying load status
- Control switch not in auto warning
- High battery voltage warning/shutdown
- Low battery voltage warning/shutdown
- BATT charger AC failure warning/shutdown
- Low starting air pressure warning/shutdown
- Air shutdown damper status
- Spare



Annunciator Dimensions		
A	158 mm	6.22 in
B	139 mm	5.12 in
C	288 mm	11.34 in

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Discretion is recommended when distributing.

Materials and specifications are subject to change without notice.