Emergency Station with Momentary Switch
E-144

Description: The Momentary Emergency Station (E-144) to be used with a latching Annunciator panel features satin finished stainless steel faceplates with silk-screened designations. It may be flush mounted on standard outlet boxes with single-gang rings, or surface mounted on Wiremold 5748 or their equivalents, with a depth requirement of 1 ¾”. Field wiring terminations are with pig-tails.

Operation: Pulling the four-foot nylon cord on the E-144 activates the momentary switch on the emergency station placing a call for help. Station is designed to be used with a latching Annunciator panel.

Mounting: The satin finish stainless steel faceplate with silk-screened designations may be flush mounted on a standard outlet box with single-gang plaster ring, or surface mounted on a Wiremold 5748 or equivalent.

Engineering Specifications: The contractor shall furnish and install the CORNELL E-144 Emergency Stations as indicated on the plans. Faceplates shall be satin-finish stainless steel with silk-screened designations. Stations shall be mounted on standard outlet boxes with single-gang rings or Wiremold 5748 or equivalent.

Technical Information:
- Power Requirements: 24VDC
- Operating Environment: 50-120°F Indoor Non-condensing
- Physical Faceplate Dimensions: 4 ½ "H x 2 ¾ "W (1 Gang)
- Mounting: Single-Gang back box with 1¾" minimum depth
- Wiring: Terminations are Pigtailed
Available in 1-6 gang sizes:
* Stations are only UL Listed in the 1 gang size
* For correct part number, change first number (1) to gang size needed

Operation:
LATCHING
Applying a momentary negative to an '1' terminal will latch on its associated LED.
Applying a momentary negative to an '2' terminal will turn off its associated LED.

TONE OUTPUT
The '1' terminal is a switched negative output which turns on if any LED is latched on. This can be used to operate a tone board or siren/alerter. Capacity: 1 amp.

AUXILIARY CONTACTS
If one or more LED's are latched on, a switch closure exists between 'com' and 'on'. If any LED is off, a switch closure exists between the 'com' and 'off' terminals. It is possible for both the 'on' and 'off' terminals to be switched to the 'com' terminal simultaneously. Capacity: 1 amp @ 30VDC

NOTE:
If more than one latching annunciator board is being used, the '+' module, '1', '2', '3', '4', '5', '6', and '-' terminals of the boards may be parallel connected together.

NOTE 1:
ALL WIRE SIZES NOT SPECIFIED ARE 22AWG OR HEAVIER. IT IS RECOMMENDED THAT EACH GREEN GROUND SCREW, GREEN GROUND WIRE, AND GROUND SCREW TERMINAL ON CALL STATIONS GABLED "G" BE CONNECTED TO EARTH GROUND, 18AWG, WIRE MINIMUM.