

CNM and TNM Series

By

CHLORIDE SYSTEMS

NICAD CNM25/50, TNM25/50

INSTALLATION AND OPERATING INSTRUCTIONS

IMPORTANT SAFEGUARDS

When using electrical equipment, basic safety precautions should always be followed, including the following:

READ AND FOLLOW ALL SAFETY INSTRUCTIONS

All servicing should be performed by qualified personnel only.

Do not use this equipment outdoors.

Equipment should be mounted in locations and at heights where it will not readily be subjected to tampering by unauthorized personnel.

The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition.

Do not let power supply cord touch hot surfaces.

Do not mount near gas or electric heaters.

CAUTION: Halogen cycle lamp(s) are used in this equipment. To avoid shattering: Do not operate lamp in excess of rated voltage, protect lamp against abrasion and scratches and against liquids when lamp is operating, dispose of lamp with care.

Halogen cycle lamps operate at high temperatures. Do not store or place flammable materials near lamp.

CAUTION: "To avoid electrical overload, total connected lamp load (factory and field installed) should not exceed output rating."

Do not use this equipment for other than intended use.

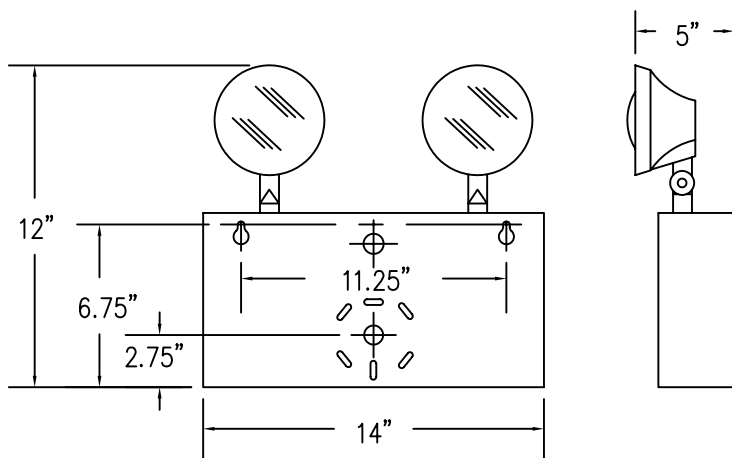


FIGURE 1

SAVE THESE INSTRUCTIONS WARNING

Shut off AC power to branch circuits to which units will be connected. All wiring should be per National Electrical Code and local regulations.

INSTRUCTIONS INSTALLATION

(See Figure 1 for Cabinet Dimensions)

1. Remove cover and attach lamp heads to cabinet as required.
2. Remove appropriate cabinet knockout to accept AC power.
3. Remove keyway knockouts (2) if cabinet is to be mounted to wall.
4. Mount cabinet to wall or use optional shelf. (Part Number MLSHELF)
5. Make lamp connections as follows:
 - A. CNM25, TNM25/50
 1. Connect one wire from each lamp to the red wire.
 2. Connect the remaining wire from each lamp to the yellow wire.
 - B. CNM50
 1. Connect unit mounted lamps to yellow wires. One wire from each lamp connects to one of the yellow wires. Remaining wire from each lamp connects to the remaining yellow wire.
 2. Connect remote lamps to red and gray wires. One wire from each remote lamp connects to the red wire. Remaining wire from each remote lamp connects to the gray wire.

NOTE: All lamps are to be connected in parallel.

6. Make electrical hookups at this time as follows:

120 VAC OPERATION	277 VAC OPERATION
White Wire – Common	White Wire – Common
Black Wire – 120V Line	Blue Wire – 277V Line
Green Wire – Ground	Green Wire – Ground

NOTE:

- Unused primary wire must be insulated to prevent shorting.
7. Install battery(ies) and plug connectors to mating connectors in charger assy. as shown in figures 2 thru 7 on back of this sheet. Consult nameplate to determine unit being installed.

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INSTRUCTIONS INSTALLATION

1. Energize AC power to equipment and check that pilot lamp illuminates.
2. Press test switch and verify pilot lamp turns off and lamp heads illuminate.
3. Leave AC connected for a minimum of 24 hours before performing any abbreviated testing. Full recharge of battery may take up to one (1) week.

NOTE:

- A. This equipment is provided with a lockout feature whereby connecting battery leads prior to energizing AC power will not turn on the emergency lamps. After AC power is energized the emergency lamps will turn on upon AC power failure.
- B. This equipment is provided with a low battery disconnect feature which prevents full discharge of batteries. If the building is to be unoccupied for an extended period and AC power is shut off, the batteries should be unplugged from the charger to prevent damage.
- C. The batteries provided in this equipment are sealed and require no maintenance.

