



# INSTALLATION INSTRUCTIONS

## ReliaGear™ lighting panelboard NEMA 3R and 4/4X/12 enclosures



—  
NEMA 3R enclosure  
All include a 3 point catch as shown



—  
NEMA 4/4X/12 enclosures 31" and smaller have a single point latch  
NEMA 4/4X/12 enclosures 37" and taller will have (2) single point latches as shown

### STEP 1

Remove the cover from the box. Save all mounting hardware.

### STEP 2

Loosen the four 5/16 - 18 X 7/16 hex head screws (shown marked "B") retaining mounting tabs on back of enclosure.

Rotate mounting tabs 90° to position shown and tighten screws securely.

See Figure 1, enclosure referenced is a 20" wide. For 30" wide enclosures, the dimension centerline for the mounting tabs is 24".

Mount enclosure to area designated, orient top of enclosure as indicated in Figure 2. For **NEMA 12** applications, plug drain holes (bottom of enclosure) with hardware provided.

Box size	Dim. A
25 1/2"	28"
31 1/2"	34"
37 1/2"	40"
43 1/2"	46"
49 1/2"	52"
55 1/2"	58"
64 1/2"	67"
76 1/2"	79"

### STEP 3

Install interior assembly by placing key-slotted mounting feet over threaded studs in back of box. Add 1/4-20 hex nuts and tighten securely. See Figure 2. Add grounds as required.

### STEP 4

Wire interior per customer specifications.

Select the necessary hub from chart below and order from your nearest ABB distributor.

### Conduit hubs (require field cut openings)

Nominal Conduit Diameter in Inches	Zinc Hub ABB Cat. No.	Chrome Plated Zinc Hub ABB Cat. No.
1/2"	343L647G3	343L647G17
3/4"	343L647G4	343L647G18
1"	343L647G5	343L647G19
1 1/4"	343L647G6	343L647G20
1 1/2"	343L647G7	343L647G21
2"	343L647G8	343L647G22
2 1/2"	343L647G9	343L647G23
3"	343L647G10	343L647G24
3 1/2"	343L647G11	343L647G25
4"	343L647G12	343L647G26

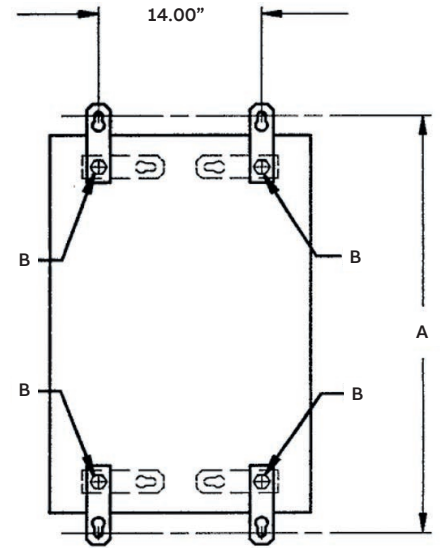


Figure 1

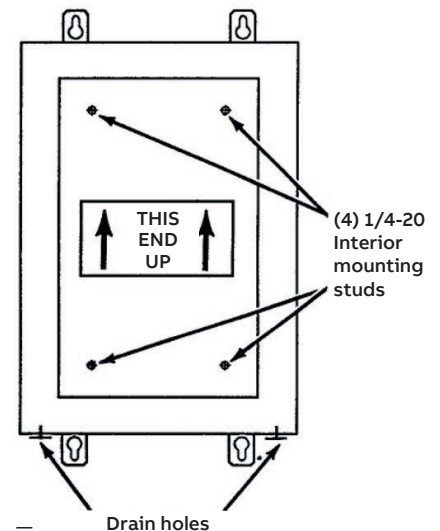
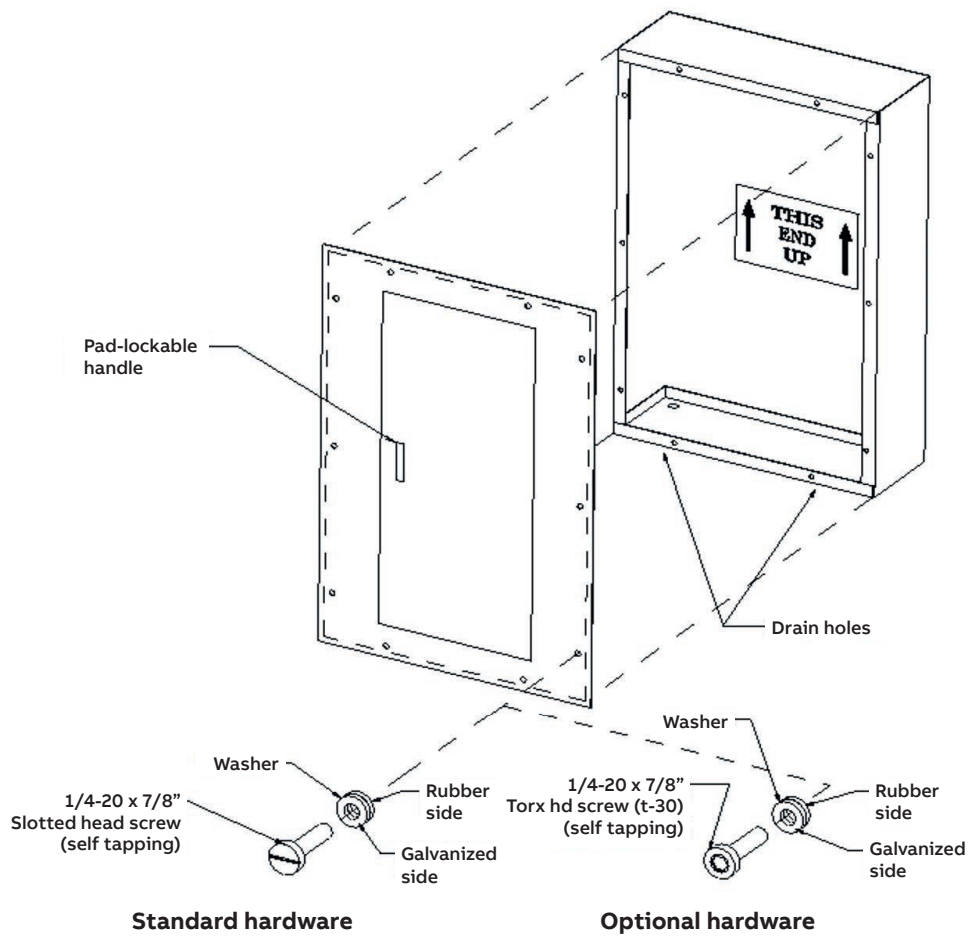


Figure 2

**STEP 5**

Re-mount the (gasketed) front cover to the box using the 1/4-20 screws and galvanized/rubber washers previously removed. Take care not to damage gasketing on backside of cover.



**Note:** Tamper resistant hardware kit is available. Order catalog number NEMATRIX.

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