Panelboard in Stainless Steel Enclosure

Dimensions

Height: 57.00" - 90.00" (11447.80 mm - 2,286.00 mm)
Width: 24.15" - 36.15" (613.41 mm - 918.21 mm)
Depth: 16.38" (416.05 mm)

Dimensions will vary based on panel size.

Approximate
Weight: 200 lbs. - 750 lbs. (91.4 kg - 342.9 kg)

General Specifications for Panelboards

All Substations Must Meet the Following:

Part I. General:

1.1 General Requirements:

A. Shall be certified to be in compliance with UL 67 entitled "Panelboards"
B. Shall be certified to be in compliance with UL 489 entitled "Molded Case Circuit Breakers"
C. Shall be certified to be in compliance with UL 50 entitled "Cabinets and Boxes"
D. Shall be certified to meet all sections NFPA 303 DTD "2006 Marinas and Boatyards"

Part II. Products:

2.1 Distribution Equipment:

A. Dock Boxes Unlimited, Inc.
1-800-559-4269
www.dockboxes.com

2.2 Unit Substations - General Specification

A. Main Housing:
   a. The housing shall be constructed of 14 or 16 gauge, 316L low carbon stainless steel and shall be coated withUV-resistant polyurethane resin over a powder coating. It shall be UL listed as a type 3R weatherproof enclosure.

B. Doors:
   a. Stainless steel access doors to the panelboard compartment shall use key-entry, quarter turn, wing-nut handles.
   b. The doors shall be sealed by 360° neoprene gaskets and be watertight.

C. Panelboard:
   a. Panelboard shall be Cutler-Hammer Pow-R-Line.
   b. All bus work shall be density rated copper.
   c. All circuit breakers shall be bolt-on type.
   d. Panelboard shall be provided with a main circuit breaker or main lug only.
   e. Branch circuit breakers shall be provided per the customer's specifications.
   f. Standard available voltages shall be:
      1. 480V, 3-phase, Delta
      2. 480V, 1-phase
      3. 600V, 3-phase, Delta
      4. 600V, 1-phase
      5. 120/208V, 3-phase, Wye
      6. 127/220V, 3-phase, Wye
      7. 277/480V, 3-phase, Wye
      8. 120/240V, 1-phase
      9. Other voltages available upon request

D. Grounding:
   a. All exposed metallic parts must have an integral ground that is a part of the equipment grounding system.

E. Electrical Components:
   a. All electrical components shall be located at least 12" above the mounting surface.

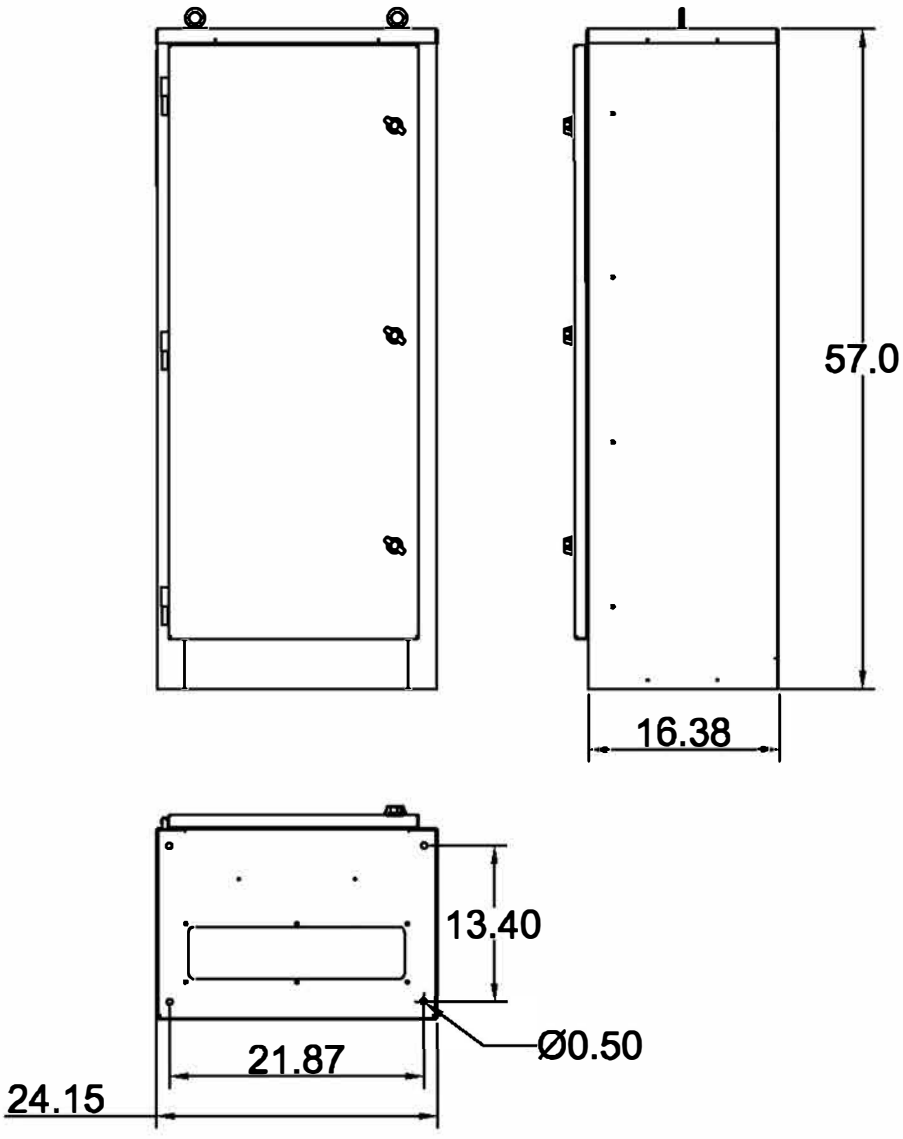
F. Installation Equipment:
   a. Cable gland plates shall be provided on the unit base.

G. Optional Ground Fault Monitoring:
   a. Monitoring can be single-level (monitoring for a single main circuit breaker) or multi-level (monitoring for multiple branch circuits).
   b. Indicator lights shall be visible on the outside of the substation enclosure when ground fault monitors are included.

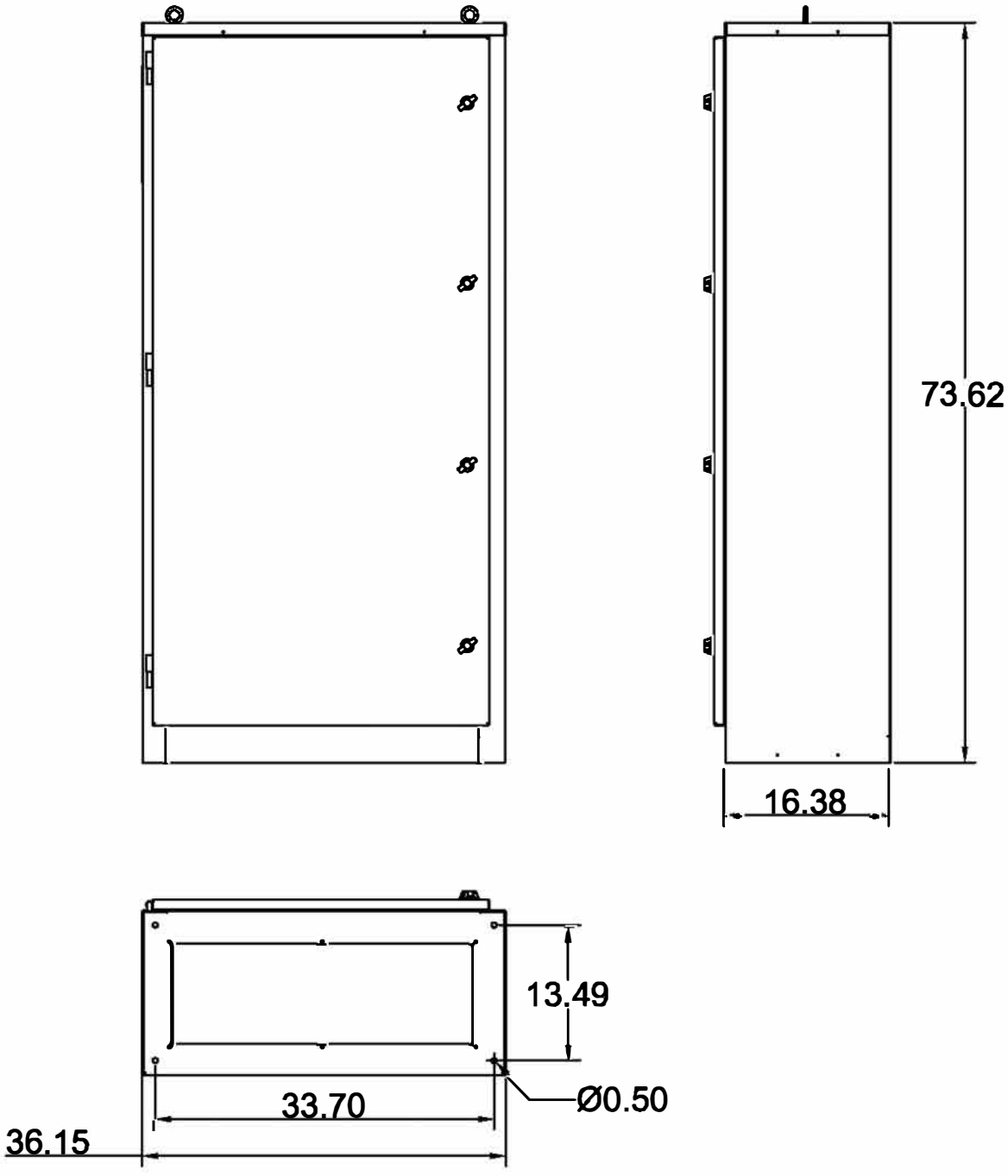
H. Optional Lighting Equipment:
   a. Photocell for external lighting equipment
   b. Lighting contactors
   c. Three Position Hand-Off-Auto Control

(END OF SECTION)

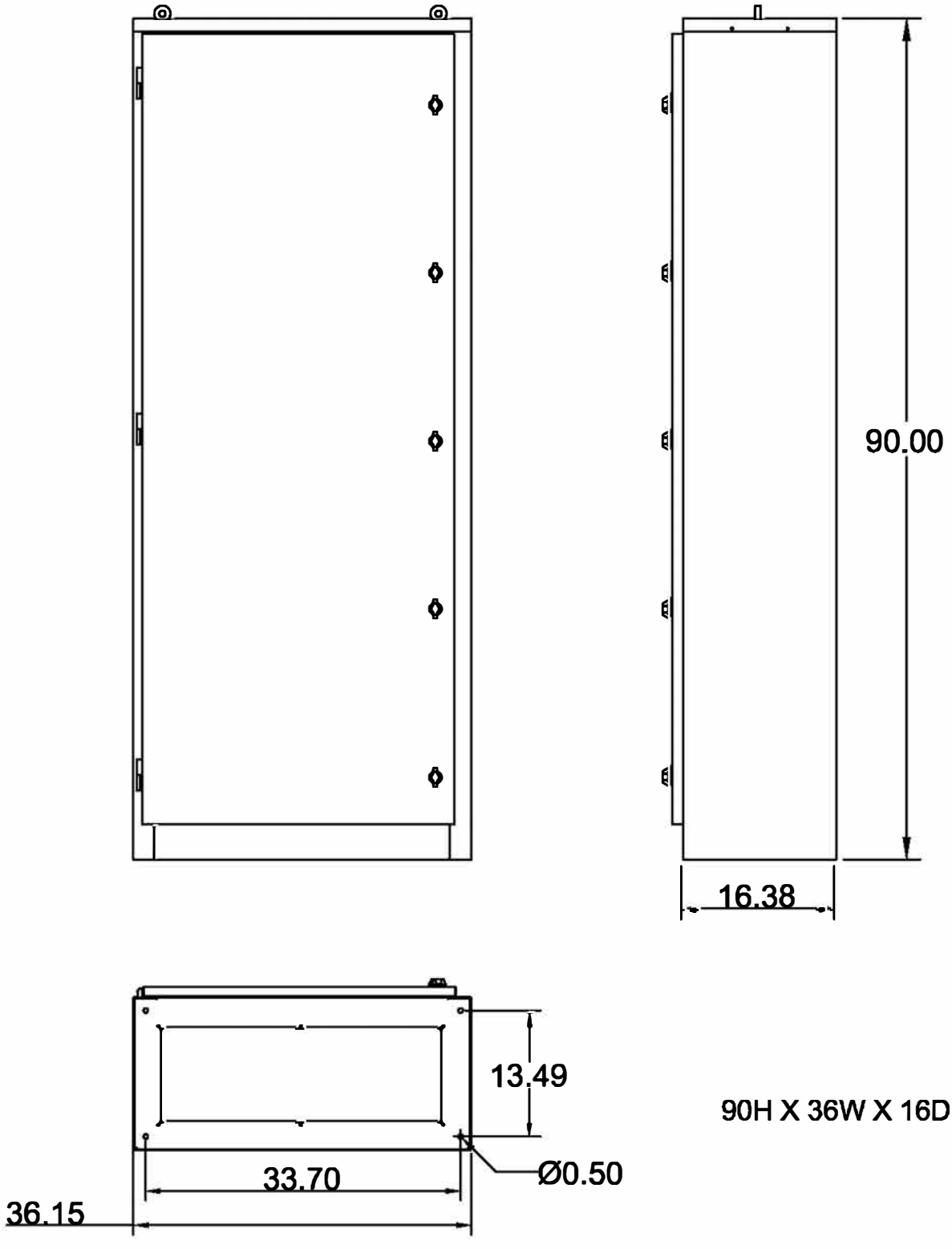
57" Model



73" Model



90" Model



90H X 36W X 16D