

STAINLESS STEEL PANELBOARD

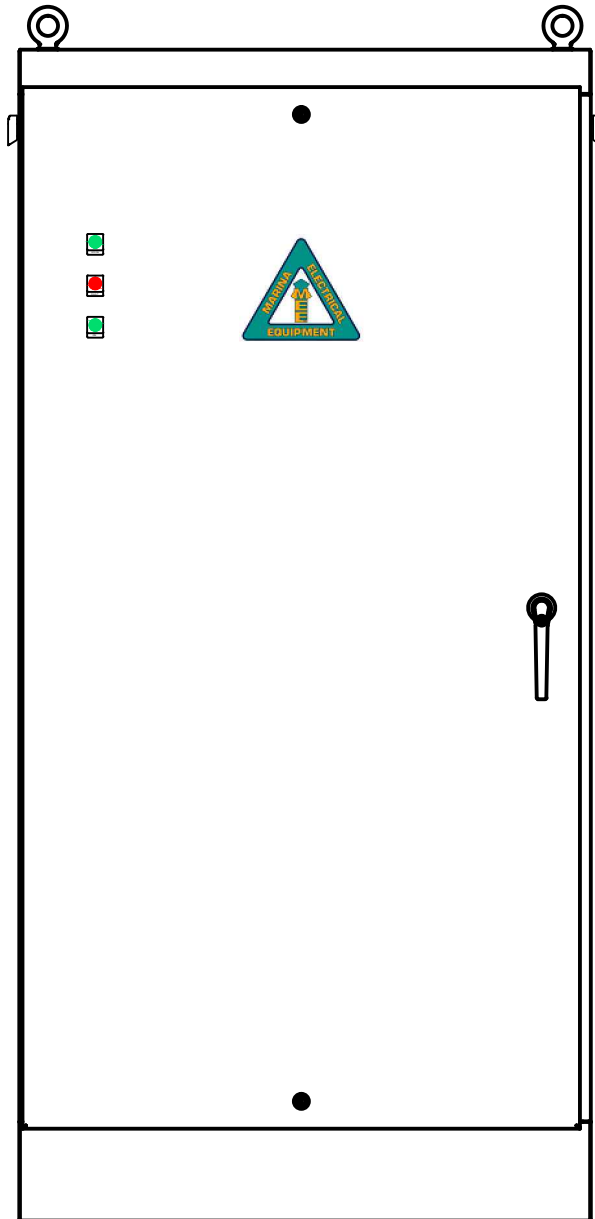
Models

MEE5-76EL4015SSFS

&

MEE5-89EL4015SSFS

General Specifications



Marina Electrical Equipment, Inc.
1715 Merrimac Trail
Williamsburg, VA 23185
Toll Free: 1-855-258-3939
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General Specifications - Stainless Steel Panelboard

ALL UNIT STAINLESS STEEL PANELBOARDS SHALL MEET THE FOLLOWING SPECIFICATIONS:

SECTION A: ACCEPTABLE MANUFACTURERS:

Marina Electrical Equipment, Inc.
1715 Merrimac Trail
Williamsburg, VA 23185
Toll Free: 1-855-258-3939
Web: www.marinaelectricequipment.com

SECTION B: GENERAL REQUIREMENTS

1. Unit stainless steel panelboards shall be listed and marked, tested and certified to conform to UL® and CAN/CSA UL508A standards.
2. Shall be compliant with all sections of the latest edition of NFPA® 303, "Fire Protection Standards for Marinas and Boatyards."
3. Shall be compliant with NEC, and NFPA 70 555.9, which states: "Electrical connections shall be located at least 305 mm (12 in.) above the deck of a floating pier" and "at least 305 mm (12 in.) above the deck of a fixed pier but not below the electrical datum plane."

SECTION C: CONSTRUCTION REQUIREMENTS: ENCLOSURE PART NUMBERS MEE5-76EL4015SSFS & MEE5-89EL4015SSFS:

1. All materials and components used in the construction of the stainless steel panelboard shall be listed.
2. **Main Housing:** Shall be constructed of 316L stainless steel and shall powdercoated with ployester resin and processed to withstand a saltspray without peeling or separating. The housing be listed as a NEMA® Type 3RX weatherproof enclosure.
3. **Access Panels:** Shall be constructed of 316L stainless steel and be flush-mounted with minimal mounting hardware.
4. **Top / Lifting:** Shall be constructed with two (2) 1/2" lifting eyes for moving the panelboard for installation.
5. **Mounting:** Shall be compliant with NEC and NFPA 70 555, and meet the datum plane requirement without the addition of curbing to meet the height requirement. The panelboard shall include a removable .090" enamel-coated, aluminum gland plate to simplify the knock-out process for cable glands. The housing shall also have isolation pads to provide isolation from the mounting surface when installing as a free-standing assembly. Optional bolt-on surface-mounting(wall) lugs are available by request.
6. **Mounting Requirements:** Mounting bolts (provided by others) for the stainless steel panelboard shall be free-standing or surface mount (with optional mounting lug kit).
7. **Doors:** The housing shall have pad-lockable 3-point handle.
8. **Hardware:** Shall be minimal and be 316 stainless steel.

SECTION D: PANELBOARD

1. The distribution panelboard(s) shall be main circuit breaker (main lug only available by request) and manufactured by GE, Square-D or equivalent.
2. The distribution panelboard(s) shall include surge protection device designed to contain a 130kA/phase surge incident (optional, other ratings available by request).
3. The distribution panelboard(s) shall include ground fault monitor relay(s) to monitor and/or interrupt the main circuit breaker and/or branch circuit breakers to comply with NEC 555.3 requirements (optional).
4. Standard panelboard(s) bussing shall be 1000A PSI copper, unless otherwise noted/requested.
5. The standard panelboard(s) short-circuit current rating (SCCR) shall be 10 kAIC and be fully-rated unless otherwise noted/requested (SCCR are available from 10 kAIC - 200 kAIC, fully or series-rated).
6. Primary main circuit breakers and panelboards are optional.

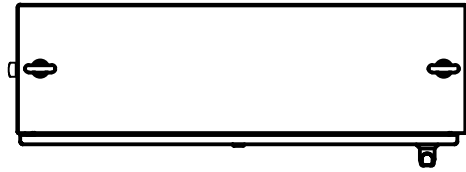
SECTION E: WIRING & TERMINAL BLOCK

1. All electrical components shall be located above the electrical datum plane set forth by the NEC.
2. All exposed metallic parts shall be grounded as part of the integral equipment ground.

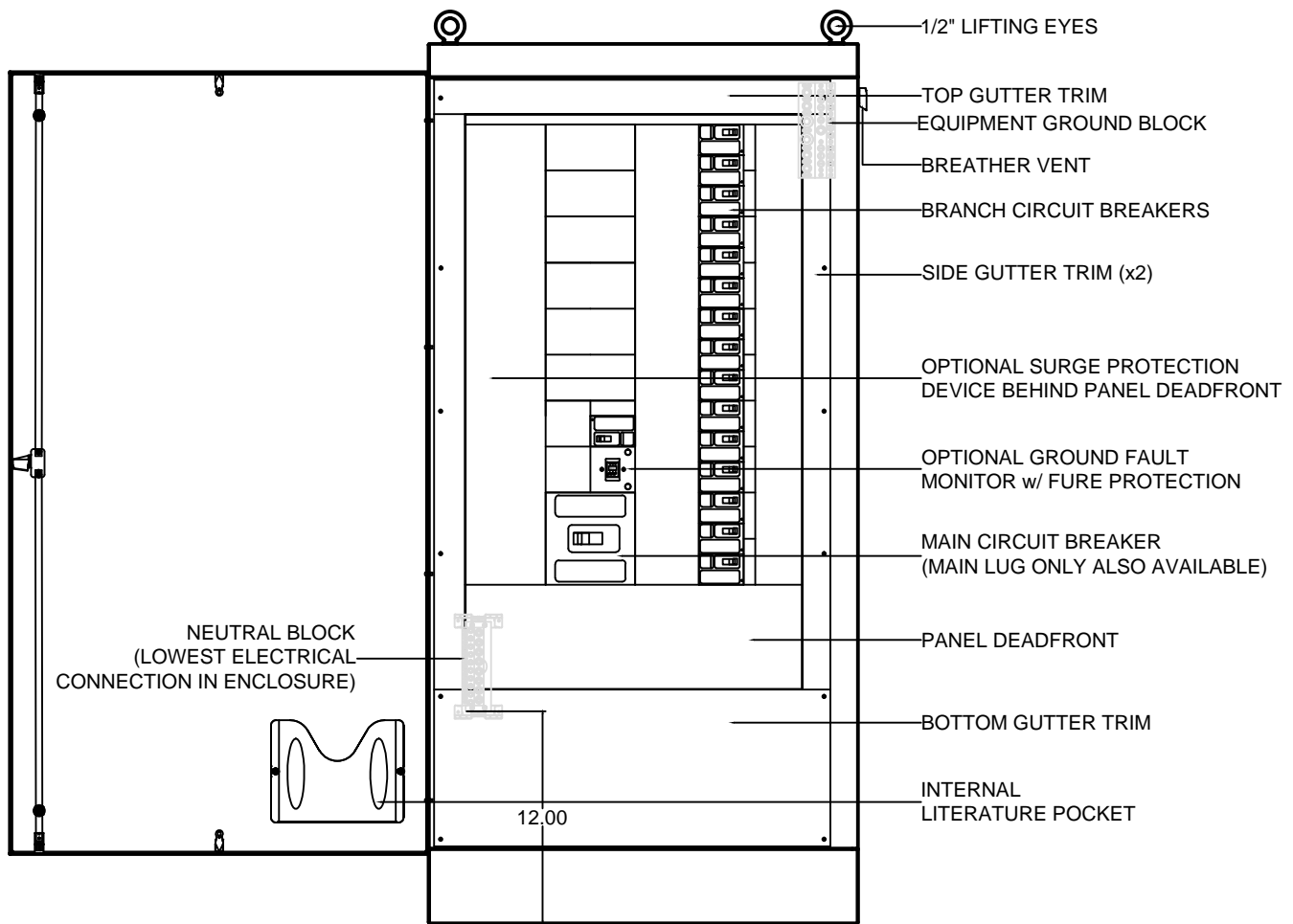
END OF SECTION

Specifications Subject to Change Without Notice

General Specifications - Stainless Steel Panelboard



TOP VIEW

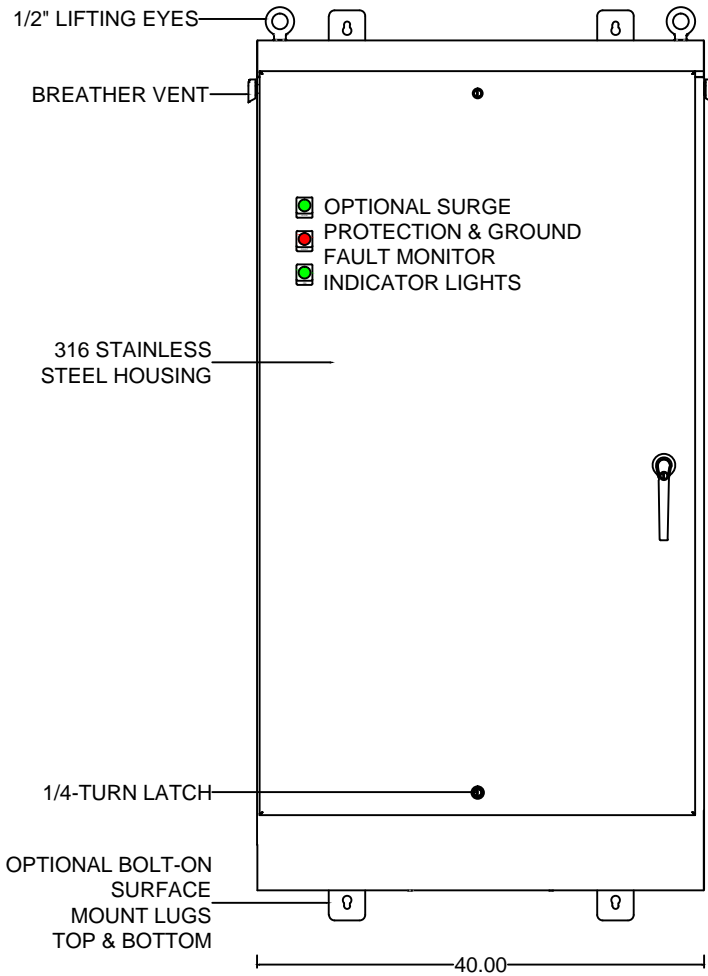


FRONT VIEW w/ ACCESS DOOR OPEN

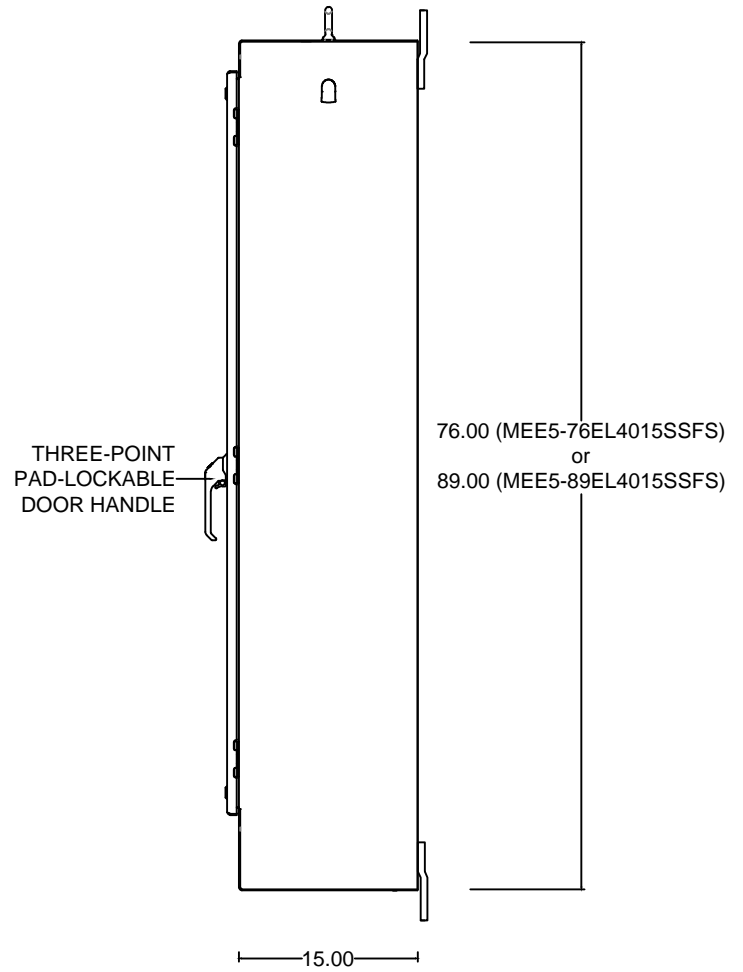
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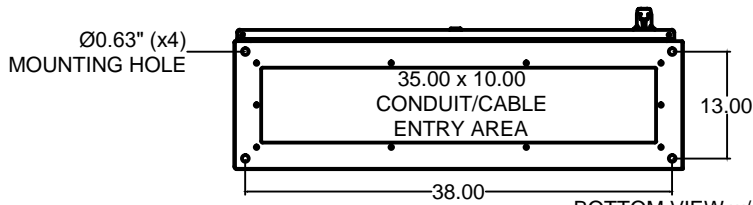
General Specifications - Stainless Steel Panelboard



FRONT VIEW



SIDE VIEW



BOTTOM VIEW w/ GLAND PLATE



ESTIMATED WEIGHTS:
MEE5-76EL4015SSFS: 537 lbs.*
MEE5-89EL4015SSFS: 587 lbs.*

**Exact weight may vary depending on panelboard interior size, branch feeder circuit breaker size & quantity, and additional selected options.*

END OF SECTION

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WARRANTY POLICY

Housings:

Marina Electrical Equipment, Inc. (MEE) warrants that the main housing and attached parts (top, lens, doors, receptacle faceplates, circuit breaker plates, and mounting base plate) will be free from failure resulting from defects in material and/or workmanship, and are covered by a limited warranty of one (1) year. Should any of the above parts fail to comply with the above-mentioned warranty, MEE will either repair or replace the defective part(s), or credit the purchaser for the purchase price of the part. This warranty is voided if any petroleum-based solvent is used anywhere on or near any of the polycarbonate parts. These parts include but may not be limited to: the top, lens, doors, receptacle faceplates, circuit breaker plates, terminal blocks and the mounting base plate.

Internal Components:

MEE warrants that all internal electrical components shall be covered by a limited warranty of one (1) year. Items covered include: receptacles, circuit breakers, photocells, lamp holders, coil transformers, counters and wiring harnesses. Should any of the above parts fail to comply with this warranty policy, MEE will coordinate the repair or replacement of the defective part(s) with the respective supplier.

Solid-State Electric kWh Monitors:

MEE warrants that the International Intelligent Meter (IIM) solid-state electric kWh monitors will be free from failure resulting from defects in material and/or workmanship, and are covered for one (1) year. Although the IIM meters contain integrated surge protection, MEE and IIM will not warrant the product against severe over-voltage conditions such as lightning strikes or abnormal utility surges. Should an electric monitor fail to comply with the above-mentioned warranty, MEE will either repair or replace the defective part(s)/components, or credit the purchaser for the purchase price of the part. This warranty is voided if the damage to any or all of the components is the result of abuse, misuse, or Force Majeure. This warranty is voided if the factory seal is broken or manipulated.

This warranty policy does not cover damage or failure resulting from abuse, misuse, negligence or Force Majeure. All warranty claims must be made in writing and all defective products shall be returned to MEE for evaluation unless stated otherwise by MEE. MEE will not be responsible for reimbursing the purchaser for any sort of expense incurred by the purchaser as a result of the repair or replacement of a warranty claim.

Send all warranty claims to:
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