



Equipment Specification
Document No.: 4350.150
Item No.: 010-07251
Asset Suite: 54957
Originating Department: Distribution Engineering



RBA 400A Fuse Disconnect Mounting

1. Introduction

This specification describes the minimum requirements for the RBA 400 Amper fuse mounting used in the distribution system in Puerto Rico. Further information will be provided by LUMA Energy at the time of order placement and will provide information on site specific conditions, quantity, and other requirements. This document includes the general electrical and mechanical characteristics of the material.

2. Special Requirements

Samples shall be furnished as requested by LUMA Energy. Vendors that have supplied this material to LUMA on previous orders, will not have to furnish samples at bid opening. The material will be received at the LUMA's general warehouse (011) at Palo Seco, Puerto Rico. Shipping will include transportation and unloading at the indicated warehouse.

3. Quantity/Literature

Descriptive and technical literature must be supplied by vendor at time of bidding. This literature may include, but is not limited to details of material, drawings, documented testing, and instructions for use and installation. Failure to submit documents on time will cause bidder disqualification. For products described in this specification as requiring qualification, awards will be made only for such products that, prior to the time for opening of bids, had been tested and/or approved by LUMA. Evidence of LUMA Energy's approval of the equipment or material shall be supplied by vendor if requested by LUMA Energy.

4. Markings

- 4.1. Containers shall be marked outside with LUMA Energy's purchase order and item number.
- 4.2. Labels and tags shall be waterproof.

5. Equal or Approved Equal to

Eaton/Cutler-Hammer – catalog #: 14RBA4-GDM

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6. Packaging

All material and equipment shall be packaged and marked in such a way as to facilitate handling and protection from damage and that the receiving warehouse can readily identify it and send it, in one complete unit, to a field location without opening crates or boxes to sort items and/or parts.

7. Number Per Package (Logistics)

Standard package: One (1) unit per box or as requested by LUMA Energy.

8. Acceptance Criteria

- 8.1. Test required: certified by external laboratories.
- 8.2. Latest applicable codes, standards, and other regulations:
- 8.3. IEEE C37.41 – Standard design tests for high-voltage (>1000 V) fuses and accessories
- 8.4. ANSI C37.46 – Specifications for high-voltage (>1000 V) expulsion and current-limiting power class fuses and fuse disconnecting switches

9. Description

- 9.1. 13.8 KV, 400 A, 45° opening fuse disconnect mounting with glass polyester insulators for Eaton-Cutler Hammer 15RBA4 indoor expulsion fuse
- 9.2. This unit are primary designed for indoor or weatherproof enclosure of power transformers, Load interrupter switchgear, high voltage capacitor, and pad mounted transformers.
- 9.3. The disconnect mounting permits a fuse to be opened, closed, or even lifted out of the mounting once it is opened with the use of an insulated stick with a hook.
- 9.4. Unit must include live parts excluding fuse holder and connectors.
- 9.5. RBA-400 mountings use upper and lower fuse clamps to hold the fuse unit in position. An stainless steel latch lock the upper part of the fuse holder into position.
- 9.6. The lower end of the mounting is the hinged end, and the upper end is the latched end and they work in conjunction with the compatible contacts of the fuse holder.
- 9.7. Cadmium chromium copper spring fingers at the lower end and clip type contacts on the upper end maintain positive electrical connections at both ends of the mounting. The spring fingers are compressed on closing in of the fuse holder.
- 9.8. Nominal operating voltage: 13.8 KV
- 9.9. Maximum voltage: 15.5 KV

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- 9.10. Maximum Interrupting Current (symmetrical): 37,500 A.
- 9.11. Basic Insulation Level (BIL): 95 KV

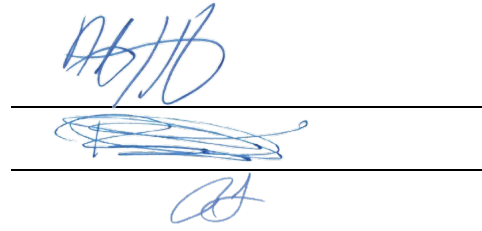
10. Inspection

The acceptance of any material or equipment shall in no way relieve the vendor from his responsibility to meet all the requirements of this specification, and it would not prevent subsequent rejection if such materials were found later to be defective.

— End of Specification —

Document History

Version	3
Date	12/23/2021
Author	Alex J. Rodríguez Rodríguez
Reviewer	Rafael Torres
Approver Manager	Ricardo Castro



Handwritten signatures in blue ink above horizontal lines, corresponding to the Author, Reviewer, and Approver Manager roles.