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**RBA4 400A, Disconnect, Indicating Fuse Holder**

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**Document History**

Date	Revision Comments
Feb 02, 2023	Initial release.

Warehouse Catalog	Item Version	Date
010-84219	1	02/02/2023
010-07251	3	02/02/2023



Equipment Specification  
Document No.: 4350.153  
Originating Department: Distribution Engineering



## RBA4 400A, Disconnect, Indicating Fuse Holder

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### 1. Introduction

This specification describes the minimum requirements for the RBA4 400 A, disconnect, indicating fuse holder 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. Packaging labels and tags shall be waterproof.

### 5. Equal or Approved Equal to

For suggested manufacturers and models see Table 1.

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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. Disconnect, indicating type 400A fuse holder for RBA4 indoor power fuse.
- 9.2. RBA fuse holder is a glass epoxy tube which encloses and supports the fuse refill.
- 9.3. The unit includes a spring and shunt assembly, provides for electrical connections, and includes the required hardware for use with a non-disconnect or a disconnect mounting.
- 9.4. Disconnect electrical hardware permits the fuse to be hookstick-operated in a compatible disconnect type mounting.
- 9.5. Hookeye must be provided at each end of the fuse holder's disconnect hardware to accommodate the hook end of a hookstick for opening and removal of the device.
- 9.6. The fuse holder hardware must be made of silver-plated cast bronze to ensure good electrical contact.
- 9.7. The RBA holder is not suitable for use in outdoor applications.
- 9.8. For models and ratings see Table 1.

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9.9. Table 1: Item and Warehouse Information

Warehouse Catalog #	Asset Suite #	Nominal Voltage (KV)	Maximum Voltage (KV)	Basic Insulation Level (BIL) (KV)	Suggested Manufacturer	Catalog #
010-84219	84219	7.2	8.3	75	Eaton/Cutler-Hammer	8RBA4-IDH
010-07251	54957	13.8	15.5	95	Eaton/Cutler-Hammer	15RBA4-IDH

### 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.

### 11. Proposal Information

11.1. Submitted proposals must include:

- a. Technical information
- b. Table of Compliance completed by the bidder with reference. (See Appendix 1)

— End of Specification —

**Equipment Specification**  
**Document No.:** 4350.153  
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**Appendix**

## RBA4 400A, Disconnect, Indicating Fuse Holder

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### Appendix 1: Table of Compliance

Line	Criteria	Description	Pass/Fail (P / F)	Comments
1	Specification	The Proponent complies with the corresponding specification document.		
2	Industry Standards	The Proponent complies with the industry standards established in the specification document. (IEEE, ANSI)		
3	Characteristics	<ul style="list-style-type: none"> <li>• Ampere Rating: 400 A</li> <li>• Nominal Operating Voltage: 8.3 kV or 15.5 kV</li> <li>• Basic Insulation Level: 75 kVBil or 95 kVBil</li> </ul>		
4	Construction	<ul style="list-style-type: none"> <li>• Includes a spring and shunt assembly, provides for electrical connections, and includes the required hardware for use with a non-disconnect or a disconnect mounting.</li> <li>• Permits the fuse to be hookstick-operated in a compatible disconnect type mounting.</li> <li>• Hookeye must be provided at each end of the fuse holder's disconnect hardware to accommodate the hook end of a hookstick for opening and removal of the device.</li> </ul>		
5	Material	<ul style="list-style-type: none"> <li>• Silver-plated cast bronze to ensure good electrical contact.</li> </ul>		

— End of Specification —











# 4350.153 RBA400 fuse disconnect holder (02-02-2023)

Final Audit Report

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