



Document Title:
Compression connector line tap 1/0 to 250 MCM & 4 to 2/0 Cu

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Management Approval (If apply)

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Related/Referenced Documents

N/A

Document History

Version	Date	Revision Comments
1	August 19, 2021	Initial Release
2	July 16, 2024	Specification modification



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to 250 MCM & 4 to 2/0 Cu.
Document No.: 4402.026
Department: Steet Light Program

Item Version History

Warehouse Catalog #	Asset Suite #	Version	Date
002-10682	56706	5	7/16/2024



1. Introduction

This is a general specification that covers compression connector line tap for 1/0 to 250 MCM & 4 to 2/0 Cu to be used on 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 equipment/material.

2. Special Requirements

Samples shall be furnished as requested by LUMA Energy. Vendors that have supplied this equipment/material to LUMA on previous orders will not have to furnish samples at bid opening. The equipment/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. Literature

Descriptive and technical literature must be supplied by the 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. If required by LUMA, final drawings shall be submitted by the vendor before the manufacturing and shipping process for approval.

4. Compatible with

For compatible manufacturers and models, see Table 1. These models are examples of the equipment/material described in this document and do not represent a preference. LUMA will evaluate equally any models not listed here during any acquisition event.

5. Markings

- 5.1. Containers shall be marked outside with LUMA Energy's purchase order and item number.
- 5.2. Packaging labels and tags shall be waterproof.

6. Packaging

All equipment/material 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)

Twenty-five (25) units per box or as requested by LUMA.

8. Acceptance criteria

8.1. Test required: Certified Load Resistance Tests.

8.2. Product shall be manufactured in accordance with the latest issue below (section 8.3). When conflicts occur between purchaser's specifications and the latest issue below, the purchaser's specification shall prevail.

8.3. Latest applicable codes, standards, and other regulations:

- a. ANSI American National Standards Institute
- b. NEMA National Electrical Manufacturers Association

8.4. If any other standard different from the ones indicated in this document are used, the supplier must provide information showing compatibility with the required ones.

9. Description

Compression copper tap connector made of pure copper to be slipped directly over line. The connector shall have the following characteristics:

- a. Run side: 1/0 stranded copper - 250 MCM.
- b. Tap side: No. 4 solid 2/0 stranded copper.
- c. To be installed with standard tooling such as Burndy Y35.
- d. Die index: D3.
- e. Shall be furnished pre-filled with an oxide inhibiting compound and strip sealed.

10. Inspection

The acceptance of any equipment/material 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 equipment/materials were found later to be defective.

11. Proposal Information

11.1. Submitted proposals must include:

- a. Technical information, tests, and drawings.



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

12. Table 1: Warehouse and Asset Suite Identification Number

Item	Description	Warehouse #	Asset Suite #	Compatible Manufacturer & Catalog #
1	Compression connector line tap 1/0 to 250 MCM & 4 to 2/0 Cu	002-10682	56706	Burndy Corp. YP29C26

— End of Specification —



Appendix



Appendix 1: Table of Compliance

Line	Criteria	Description	Pass/Fail (P/F)	Comments
1	Specification	The Proponent complies with the corresponding specification document. (4402.0026)		
2	Industry Standards	The Proponent complies with the industry standards established in the specification document. (ANSI/NEMA)		
3	Characteristics	Run side: 1/0 stranded copper - 250 MCM.		
		Tap side: No. 4 solid 2/0 stranded copper		
		To be installed with standard tooling such as Burndy Y35.		
		Die index: D3.		
		Shall be furnished pre-filled with an oxide inhibiting compound and strip sealed.		

NOTE: This table is only a checklist for reference. The compliance shall be with the complete document. Marking a PASS in the table won't be accepted as a compliance without the technical information required to certify it.