



Document Title:
U Die Sets for Y35 & Y46 Crimper

Document Type:
Specification

Engineering Type
Material Specification

Document No.:
4350.245

Department
Distribution

Version:
05

Effective Date:
Sep 11, 2024

Shared document with: N/A

**Select the Departments impacted by the document*

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N/A

Related/Referenced Documents

N/A.

Version History

Version	Date	Revision Comments
01	Feb. 12, 2022	Initial Release
02	Apr. 14, 2023	New item created (086-84626).
03	Sep. 15, 2023	New item created (086-85350).
04	Dec. 08, 2023	General format modifications. New Item created (086-85562).
05	Sep. 11, 2024	General format modifications, TOC updated, Sections 3 & 4 modified, and sections order rearranged. Items removed (086-01833 & 086-83926).



Item Version History

Warehouse Catalog #	Item Version	Date
086-01676	5	9/11/2024
086-01718	5	9/11/2024
086-01791	5	9/11/2024
086-01858	5	9/11/2024
086-01874	5	9/11/2024
086-01890	5	9/11/2024
086-01932	5	9/11/2024
086-01957	5	9/11/2024
086-01973	5	9/11/2024
086-01999	5	9/11/2024
086-02013	5	9/11/2024
086-02039	5	9/11/2024
086-02054	6	9/11/2024
086-02070	5	9/11/2024
086-02195	6	9/11/2024
086-02211	5	9/11/2024
086-02237	5	9/11/2024
086-02252	5	9/11/2024
086-02278	5	9/11/2024
086-02294	5	9/11/2024
086-84626	4	9/11/2024
086-02419	5	9/11/2024
086-02450	5	9/11/2024
086-02518	5	9/11/2024
086-02559	5	9/11/2024
086-02633	5	9/11/2024
086-02971	5	9/11/2024

Warehouse Catalog	Item Version	Date
086-10412	5	9/11/2024
086-12848	5	9/11/2024
086-12855	5	9/11/2024
086-83910	4	9/11/2024
086-83911	4	9/11/2024
086-83913	4	9/11/2024
086-83914	4	9/11/2024
086-83915	4	9/11/2024
086-83916	4	9/11/2024
086-83917	4	9/11/2024
086-83918	4	9/11/2024
086-83919	4	9/11/2024
086-83920	4	9/11/2024
086-83921	4	9/11/2024
086-83922	4	9/11/2024
086-83923	4	9/11/2024
086-83924	4	9/11/2024
086-83925	4	9/11/2024
086-83927	4	9/11/2024
086-83928	4	9/11/2024
086-83929	4	9/11/2024
086-83930	4	9/11/2024
086-83931	4	9/11/2024
086-83932	4	9/11/2024
086-83933	4	9/11/2024
086-83934	4	9/11/2024
086-85350	3	9/11/2024
086-85562	2	9/11/2024



1. Introduction

This is a general specification that covers the minimum requirements for U die sets for Y35 crimper 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 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

- 3.1. Descriptive and technical literature must be supplied by the vendor at time of bidding. This literature must include, but is not limited to details of material, drawings, documented testing, and instructions for use and installation. **The literature must be an official document from and certified by the manufacturer.** Failure to submit documents on time and duly certified by the manufacturer will cause bidder disqualification.
- 3.2. If required by LUMA, final drawings and documentation shall be submitted by the vendor before the manufacturing and shipping process for approval.

4. Compatible with

For compatible suppliers/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 model not listed here during any acquisition event.

5. Markings

- 5.1. Packages shall be marked outside with LUMA Energy's purchase order and item number.
- 5.2. Package(s) to be delivered at warehouse shall be clearly marked with manufacturer and item information (part number, serial number, quantity, etc.).
- 5.3. 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)

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

8. Acceptance Criteria

- 8.1. Test required: certified by external laboratories.
- 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: ANSI/IEEE
- 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

- 9.1. Die set for conventional crimping operation with Y35 and others U dies style compatible tools. The U dies style can be used with a Y46 crimping tool (15 Tons) using the PUADP1 adapter (Asset Suite # 80751).
- 9.2. Dies must be made of precision-made cast stainless steel.
- 9.3. Must be compatible with all crimping tools that accept "U" dies.
- 9.4. For use with aluminum and copper compression terminals and splices.
- 9.5. Die set must be rated for a minimum crimp compression capacity of 12 Tons.
- 9.6. Must be clearly marked for easy identification. Each die on set must have a permanent mark indicating the die index and style.

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



12. Table 1: Warehouse and Asset Suite Identification Number

Warehouse Catalog #	Asset Suite #	Die Index	Compatible Manufacturer Catalog Number		
			Burndy	Greenlee-Gator	Huskie
086-01676	57394	251	U251	-	HT41DY
086-01718	57395	608	U608	-	-
086-01791	57396	350	U350	-	-
086-01858	55463	L	U-L	-	HT41AF
086-01874	55464	F	U-F	KD12-32	HT41Z
086-01890	55465	E	U-E	-	HT41Y
086-01932	55466	13	U26RT	KC12-2/0	HT41AZ
086-01957	55467	12	U25RT	KC12-1/0	HT41AY
086-01973	55468	165/205/287/339	U165	KD12-17	HT41CE
086-01999	55469	16	U29RT	KC12-250	HT41BE
086-02013	55470	169	U169	HT41CK	-
086-02039	55471	17	U30RT	KC12-300	HT41BF
086-02054	55472	170/306	U170	-	HT41CL
086-02070	55473	20	U34RT	KC12-500	HT41BL
086-02195	55477	10	U2CRT	KC12-2	HT41AW
086-02211	55478	C	U-C	KD12-12	HT41J
086-02237	55479	BG	U-BG	KD12-10	HT41G
086-02252	55480	7	U5CRT	KC12-6	HT41AT
086-02278	55481	676	U-676	-	-
086-02294	55482	49	U8CRT	-	-
086-84626	84626	H	U-H	-	HT41AB
086-02419	55487	M	U-M	-	HT41AG
086-02450	57429	N	U-N	-	HT41AJ
086-02518	57431	D3	U-D3	KD12-30	HT41X
086-02559	57432	655	U655	KD12-37	HT41JN
086-02633	57436	247	U247	KD12-20	HT41DT
086-02971	57438	299	U31ART	KA12-350	HT41FA
086-10412	54036	300	U34ART	KA12-500	HT41FB
086-12848	57378	15	U28RT	KC12-4/0	HT41BC
086-12855	57379	305 / 341	U305	-	HT41FG
086-83910	83910	O	U-O	KD12-11	HT41AK
086-83911	83911	162	U162	KD12-15	HT41BZ
086-83913	83913	163/505	U163	-	HT41CB
086-83914	83914	168/208	U168	-	HT41CJ
086-83915	83915	239	U239	-	HT41DH
086-83916	83916	242/244	U242	-	HT41DL



Warehouse Catalog #	Asset Suite #	Die Index	Manufacturer Catalog Number		
			Burndy	Greenlee-Gator	Huskie
086-83917	83917	243	U243	KD12-19	HT41DM
086-83918	83918	246/248	U248	-	HT41DV
086-83919	83919	249	U249	KD12-21	HT41DW
086-83920	83920	250	U250	-	-
086-83921	83921	261/318	U261	-	HT41EK
086-83922	83922	316	U316	-	HT41FM
086-83923	83923	317/426	U317	-	HT41FN
086-83924	83924	490/547	U490	-	HT41HM
086-83925	83925	690	U690	-	-
086-83927	83927	705	U705	-	HT41KJ
086-83928	83928	786	U786	-	-
086-83929	83929	1104	U1104	-	-
086-83930	83930	14	U27RT	KA12-3/0	HT41BA
086-83931	83931	24	U39RT	KC12-750	HT41BP
086-83932	83932	296	U25ART	KA12-1/0	HT41EX
086-83933	83933	297	U26ART	KA12-2/0	HT41EY
086-83934	83934	298	U28ART	KA12-4/0	HT41EZ
086-85350	85350	473	U36ART	KC12-600	HT41HG
* 086-85562	85562	302	P44ART	-	-

*** Index 302, to be used with Y46 crimping tool (15 Tons) on 795 (26/7) ACSR and 927.2 AAAC.
 All U dies can be used with Y46 crimping tool using the PUADP1 adapter (Asset Suite # 80751).**

— End of Specification —



Document Title: U Die Sets for Y35 & Y46

Crimper

Document No.: 4350.245

Department: Distribution

Appendix



Appendix 1: Table of Compliance

Line	Description	Pass/Fail (P/F)	Comments
1	Complies with the document 4350.245.		
2	Industry standards: ANSI/IEEE		
3	U Dies for Y35 or Y46 with PUADP1 adapter except the 086-85562.		
4	Stainless Steel		
5	Must be compatible with all crimping tools that accept "U" dies.		
6	For use with aluminum and copper compression terminals and splices		
7	Die set must be rated for a minimum crimp compression capacity of 12 Tons.		
8	Must be clearly marked for easy identification. Each die on set must have a permanent mark indicating the die index and style.		

NOTE: This table is only a check list 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.











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Final Audit Report

2024-09-11

Created:	2024-09-11
By:	Miguel Rios (miguel.rioslopez@lumapr.com)
Status:	Signed
Transaction ID:	CBJCHBCAABAANWHyADcLwDu39duOFDSQX4_ZyBDiT6dY

"4350.245 - U Die for Y35 & Y46 (9-11-2024)" History

-  Document created by Miguel Rios (miguel.rioslopez@lumapr.com)
2024-09-11 - 5:45:26 PM GMT
-  Document emailed to Miguel Rios (miguel.rioslopez@lumapr.com) for signature
2024-09-11 - 5:45:34 PM GMT
-  Document e-signed by Miguel Rios (miguel.rioslopez@lumapr.com)
E-signature obtained using URL retrieved through the Adobe Acrobat Sign API
Signature Date: 2024-09-11 - 5:46:00 PM GMT - Time Source: server
-  Document emailed to Rodolfo Flores (rodolfo.floresortiz@lumapr.com) for signature
2024-09-11 - 5:46:02 PM GMT
-  Email viewed by Rodolfo Flores (rodolfo.floresortiz@lumapr.com)
2024-09-11 - 5:55:31 PM GMT
-  Document e-signed by Rodolfo Flores (rodolfo.floresortiz@lumapr.com)
Signature Date: 2024-09-11 - 5:55:57 PM GMT - Time Source: server
-  Document emailed to Ricardo Castro (ricardo.castro@lumapr.com) for signature
2024-09-11 - 5:56:00 PM GMT
-  Email viewed by Ricardo Castro (ricardo.castro@lumapr.com)
2024-09-11 - 8:28:56 PM GMT
-  Document e-signed by Ricardo Castro (ricardo.castro@lumapr.com)
Signature Date: 2024-09-11 - 8:30:57 PM GMT - Time Source: server
-  Agreement completed.
2024-09-11 - 8:30:57 PM GMT