

**SPECIFICATION FOR LUGS AND CONNECTORS  
FOR LOW-VOLTAGE & MEDIUM-VOLTAGE  
DISTRIBUTION SYSTEM****Issue Date:**  
07-02-2023**Page:** 1 of 5**12-SDMS-02 REV. 6.1****12-SDMS-02****REV. 6.1****SPECIFICATION****FOR****LUGS AND CONNECTORS FOR LOW-VOLTAGE AND  
MEDIUM-VOLTAGE DISTRIBUTION SYSTEM**

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**SPECIFICATION FOR LUGS AND CONNECTORS  
FOR LOW-VOLTAGE & MEDIUM-VOLTAGE  
DISTRIBUTION SYSTEM**

**Issue Date:**  
07-02-2023

**Page:** 2 of 5

**12-SDMS-02 REV. 6.1**

**Revision History**

| # | Date       | Revision No. | Major Revision Description  |
|---|------------|--------------|---|
| 1 | 01-2021    | 06           | Add 4-Holes Terminal Lug for 800mm <sup>2</sup> Aluminum Conductors   |
| 2 | 07-02-2023 | 6.1          | Add 70mm <sup>2</sup> and 185mm <sup>2</sup> aluminum terminal lugs for new mini-pillar with steel enclosures |

**SPECIFICATION FOR LUGS AND CONNECTORS  
FOR LOW-VOLTAGE & MEDIUM-VOLTAGE  
DISTRIBUTION SYSTEM****Issue Date:**  
07-02-2023**Page:** 3 of 5**12-SDMS-02 REV. 6.1****Table of Contents**

|   |                |   |
|---|----------------|---|
| 1 | SCOPE .....    | 4 |
| 2 | DRAWINGS ..... | 5 |

**SPECIFICATION FOR LUGS AND CONNECTORS  
FOR LOW-VOLTAGE & MEDIUM-VOLTAGE  
DISTRIBUTION SYSTEM**

**Issue Date:**  
07-02-2023

**Page:** 4 of 5

**12-SDMS-02 REV. 6.1**

## **1 SCOPE**

This specification is an extension of 12-SDMS-02 Rev.06 which specifies the drawing details of additional new 70mm<sup>2</sup> and 185mm<sup>2</sup> aluminum terminal lugs to be used on new mini-pillar with steel enclosures that is conforming to 31-SDMS-02A. It is mandatory that it shall be read together with 12-SDMS-02 Rev.06 as all technical requirements for aluminum lugs shall also be applicable on the items specified hereto. Also, the terminal lugs specified herewith shall enable direct-bolt termination on 200 amperes MCCBs corresponding to latest requirements of 37-SDMS-03.

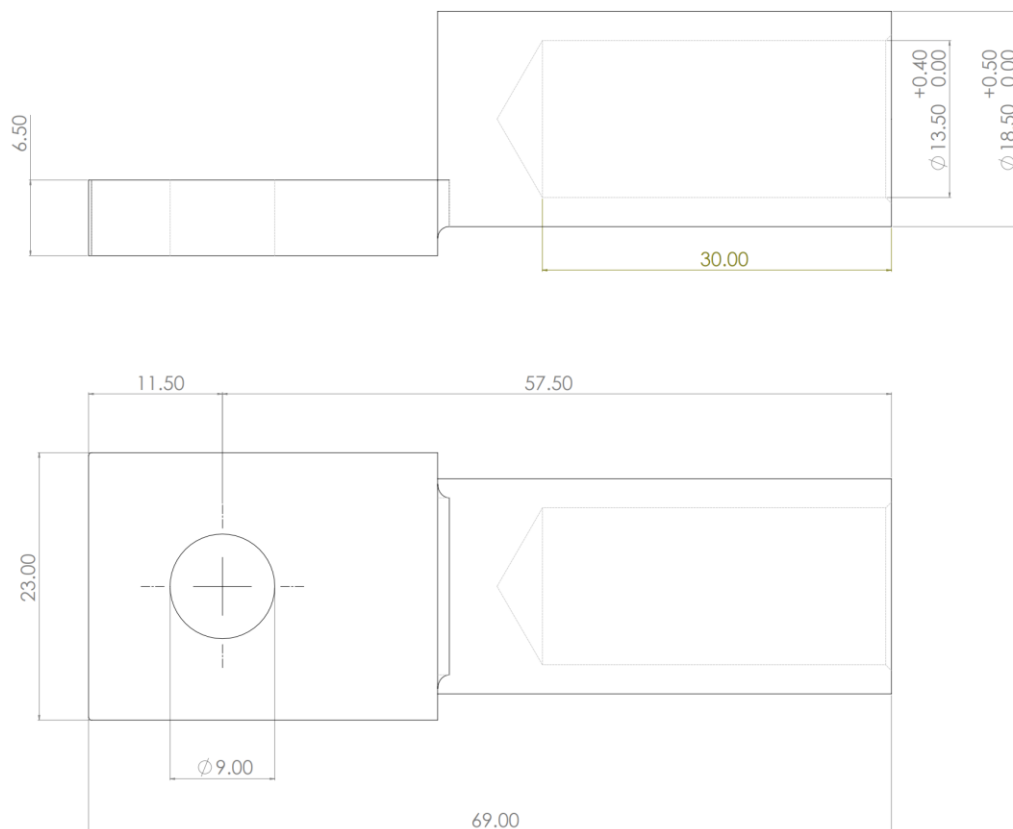
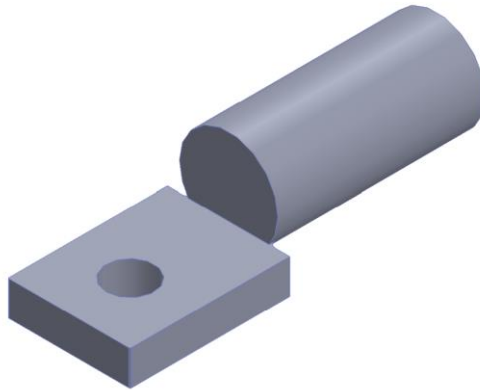
**SPECIFICATION FOR LUGS AND CONNECTORS  
FOR LOW-VOLTAGE & MEDIUM-VOLTAGE  
DISTRIBUTION SYSTEM**

Issue Date:  
07-02-2023

Page: 5 of 5

12-SDMS-02 REV. 6.1

## 2 DRAWINGS



*Drawing No. 1: Details of 70mm<sup>2</sup> Aluminum Terminal Lugs for Use on New Mini-Pillar with Steel Enclosures*

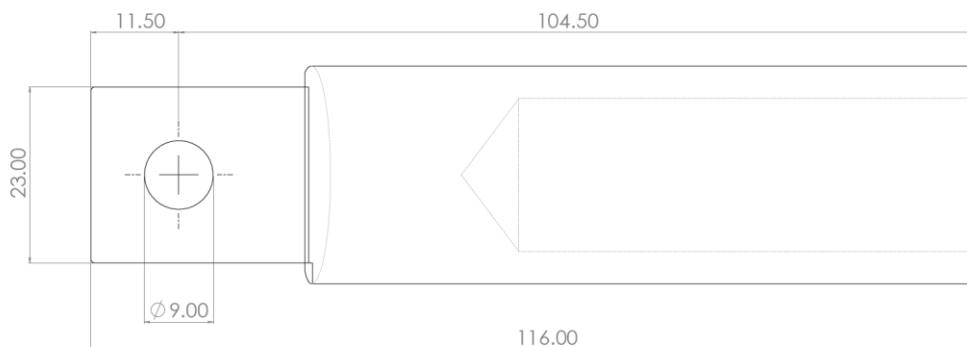
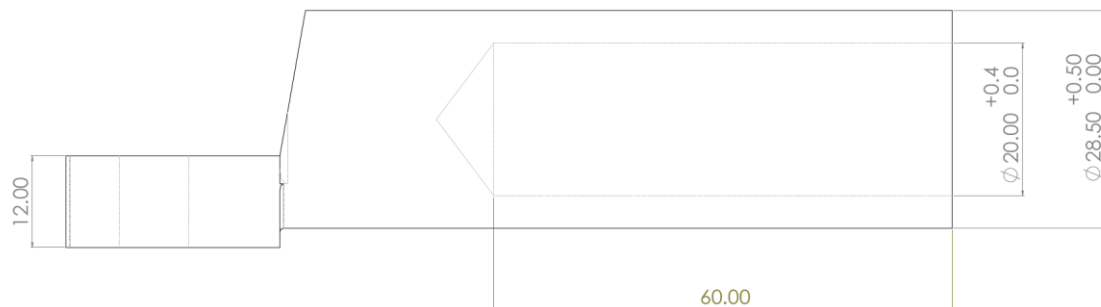
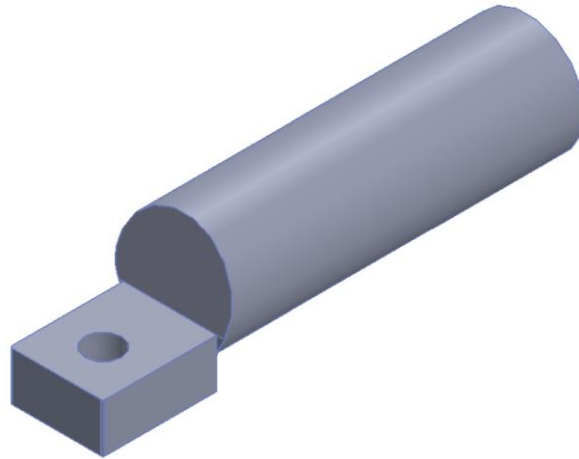


**SPECIFICATION FOR LUGS AND CONNECTORS  
FOR LOW-VOLTAGE & MEDIUM-VOLTAGE  
DISTRIBUTION SYSTEM**

Issue Date:  
07-02-2023

Page: 6 of 5

12-SDMS-02 REV. 6.1



*Drawing No. 2: Details of 185mm<sup>2</sup> Aluminum Terminal Lugs for Use on New Mini-Pillar with Steel Enclosures*