

INCH-POUND
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A-A-59125  
26 September 1997  
 SUPERSEDING  
 MIL-T-55164C  
 28 January 1987

## COMMERCIAL ITEM DESCRIPTION

### TERMINAL BOARDS, MOLDED, BARRIER SCREW AND STUD TYPES AND ASSOCIATED ACCESSORIES

The General Services Administration has authorized the use of this commercial item description (CID) as a replacement for MIL-T-55164 for all federal agencies.

#### 1. SCOPE

1.1 Scope. This CID covers the requirements for one-piece molded, barrier, front-end through-connection, screw and stud-type terminal boards used for connections in electrical and electronic circuits. This CID also covers the general requirements for bus (jumper) connectors for use with both types of boards and marker strips for use with screw type boards.

2. CLASSIFICATION. Items procured under this CID shall be identified by part numbers as follows:

<u>AA59125/XX</u>	<u>XX</u>	<u>XX</u>	<u>X</u>	<u>XX</u>	<u>X</u>
CID Sheet Identifier	Class	Number of Terminals	Terminal Board Classification	Terminal Board Bus (jumper) Connectors	Terminal Board Marking Strips

2.1. CID Sheet Identifier. The CID sheet identifier shall consist of the number of the CID, a slash (/) and a two-digit number denoting the CID sheet covering the item.

2.2. Class. The class is identified by a two letter symbol "TB" preceded by a number designating a terminal board of a given rating and construction.

Beneficial comments (recommendations, additions, deletions) and any pertinent data which may be of use in improving this document should be addressed to: Commander, USA Communications-Electronics Command, ATTN: AMSEL-LC-LEO-E-EP, Fort Monmouth, NJ 07703-5023.
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AMSC N/A

FSC 5940

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

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2.3 Number of Terminals. The number of terminals is identified by a two-digit number which indicates the total number of rows of insulated connection points contained on the terminal board. Terminal boards of less than ten rows are indicated by a two-digit number with zero as the first digit (i.e., 03).

2.4 Terminal Board Bus (Jumper) Connectors. The first letter indicates lug type or jumper type connectors. The code (L) identifies lug type and the code (J) identifies jumper type connectors. For the lug type connectors, the second letter identifies double (D) or single (S) end configuration. For the jumper type connectors, the second letter identifies the style of jumper.

2.5 Terminal Board Marker Strips. The first letter identifies the particular style that will be utilized as follows: “A” numerals marked below the contact area with the terminal board only; “B” numerals marked both above and below the contact area with the terminal board; and “C” is a blank marker strip.

### 3. SALIENT CHARACTERISTICS

3.1 CID Sheets. The individual item requirements shall be as described herein and in accordance with the applicable CID sheet. In the event of any conflict between the requirements of this CID and the CID sheet, the latter shall govern.

3.2 Materials. Unless otherwise specified herein, materials shall conform to the manufacturer’s specifications/standards. The use of recycled or reclaimed materials is acceptable provided that all requirements of this CID are met.

3.3 Design and Construction. The terminal boards shall conform to the manufacturer’s design and construction. The dimensions shall be in accordance with the individual CID sheet.

3.3.1 Conductor Material and Finish. The terminals shall be made of brass or bronze and shall have a corrosion resistant finish.

3.3.2 Mounting Plates. Mounting plates shall be permanently affixed to the terminal board and be made of nonmagnetic corrosion resistant steel.

#### 3.4 Performance.

3.4.1 Dielectric Withstanding Voltage. The terminal boards shall meet the value specified in the CID sheet (see 3.1).

3.4.2 Current Carrying Capacity. The terminal board shall be capable of withstanding the current capacity specified in the individual CID sheet.

3.5 Workmanship. Terminal boards shall be processed in such a manner as to be uniform in quality and shall be free from any defects that affect life, serviceability or appearance.

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#### 4. REGULATORY REQUIREMENTS

4.1 Recovered Materials. The offeror/contractor is encouraged to use recovered materials to the maximum extent practicable in accordance with paragraph 23.403 of the Federal Acquisition Regulation (FAR).

#### 5. QUALITY ASSURANCE PROVISIONS

5.1 Contractor Certification. The contractor shall certify and maintain substantiating evidence that the product offered meets the salient characteristics of this Commercial Item Description, and that the product conforms to the producer's own drawings, specifications, standards, and quality assurance practices, and is the same product offered for sale in the commercial marketplace. The government reserves the right to require proof of such conformance prior to first delivery and thereafter as may be otherwise provided for under the provisions of the contract.

5.2 Market Acceptability (MA). The following market acceptability criteria are necessary to document the quality of the product to be provided under this CID.

5.2.1 The item offered must have been sold to the government or commercial market.

#### 6. PACKAGING.

6.1 Preservation, packing, and marking shall be as specified in the contract or order.

#### 7. NOTES

7.1 Ordering Data. Acquisition documents must specify the following:

- a. Title, number, and date of this CID and the required CID sheet and part number.
- b. Issue of the Department of Defense Index of Specifications and Standards (DoDISS) to be cited in the solicitation, and if required, the specific issue of individual documents.
- c. Packaging requirements (see 6.).

#### MILITARY INTERESTS:

Custodian:  
 Army - CR  
 Navy - AS  
 Air Force - 85

Reviewer:  
 DLA - GS

#### CIVIL AGENCY COORDINATING ACTIVITY:

GSA-7FXE  
  
 Preparing activity:  
 Army - CR

(Project No. 5940-1192)