



DEFENSE LOGISTICS AGENCY  
LAND AND MARITIME  
P.O. BOX 3990  
COLUMBUS, OHIO 43218-3990

January 4, 2021

MEMORANDUM FOR MILITARY/INDUSTRY DISTRIBUTION

SUBJECT: Initial Draft of Commercial Item Descriptions (CIDs) A-A-CRKTB, A-A-CRKTB/1, A-A-CRKTB/2 and A-A-CRKTB/3; Project Numbers 5925-2021-002, -003, -004 and -005

The initial drafts of the subject documents are now available for viewing and downloading from the DLA Land and Maritime-VA web site:

<https://landandmaritimeapps.dla.mil/programs/milspec/default.aspx>

These initial drafts were generated to provide suitable substitutes for MIL-PRF-55629/20, MIL-PRF-55629/21 and MIL-PRF-55629/22 circuit breakers, which will be obsoleted soon.

If these documents are of interest to you, please provide your comments electronically. This can be in the form of a return e-mail, with or without an attached text file. A 30-day coordination cycle from the date of this letter has been allotted. Please provide your comments within that time period. Comments from military departments must be identified as either 'Essential' or 'Suggested.' Essential comments must be justified with supporting data. Military review activities should forward comments to their custodians or this office, as applicable, in sufficient time to allow for consolidating the department reply. If an electronic response is not possible we will still accept comments via letter, facsimile or phone call but only after you have contact the project officer listed below.

You have supplied MIL-PRF-55629/20, MIL-PRF-55629/21 and MIL-PRF-55629/22 circuit breakers to DLA Land and Maritime in the past, therefore, we would like your company to be listed as a source for these new CIDs. If you are interested in this proposal and your circuit breakers meets the requirements of these drawings, we are requesting that you complete and submit the attached Certificates of Compliance along with any comments.

If no comments are received in the allotted 30-day coordination cycle, concurrence is assumed. All late comments will be held to the next specification action. Any further coordination concerning these documents will be circulated only to firms and organizations that furnish comments or reply that they have an interest.

If there are any questions, please contact Fred Lester by the preferred method of E-Mail at [Fred.Lester@dla.mil](mailto:Fred.Lester@dla.mil) or by telephone at commercial 614-692-0548; or by facsimile at 614-693-1644. Our mailing address, as a last resort is DLA Land and Maritime-VAT, P.O. Box 3990, Columbus, OH 43218-3990.

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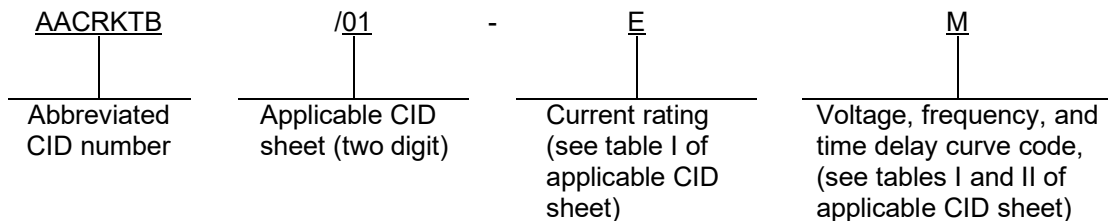
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## COMMERCIAL ITEM DESCRIPTION

### CIRCUIT BREAKER, MAGNETIC, PANEL SEAL, TRIP-FREE, W/AUXILARY SWITCH, GENERAL REQUIREMENTS FOR

The General Services Administration has authorized the use of this commercial item description for all federal agencies.

1. **SCOPE.** This commercial item description (CID) covers the general requirements for trip-free, panel sealed, magnetic circuit breakers. Requirements for specific circuit breakers are covered in the individual CID specification sheets. Circuit breakers covered by this CID are intended for commercial/industrial applications.
2. **CLASSIFICATION/PART IDENTIFICATION NUMBER (PIN).** This CID uses a classification system which is included in the PIN as shown in the following example (see 7.1).



### 3. SALIENT CHARACTERISTICS.

3.1 Interface and physical dimensions. Circuit breakers supplied to this CID shall be as specified on the applicable CID specification sheet.

3.2 CID specification sheet. The family of circuit breakers shall be in accordance with the requirements specified herein and the applicable CID specification sheet. In the event of a conflict between this general CID and the applicable CID specification sheet, the latter shall govern.

3.3 Ambient operation. Circuit breakers shall operate in temperatures between -40°F to 185 °F (-40°C to +85°C).

3.4 Insulation resistance. The insulation resistance shall be 100 megohms at 500 volts DC, minimum.

3.5 Dielectric strength. Circuit breakers shall withstand 3750 Vac, 60Hz for 60 seconds between all electrically isolated terminals, except auxiliary switch terminals shall withstand 600 Vac, 60Hz.

3.6 Endurance. Operating as a switch, the operating life exceeds 10,000 operations at a rate of 6 per minute when tested as follows: 6000 OPS at rated current plus 4000 OPS at no load.

Beneficial comments, recommendations, additions, deletions, clarifications, etc., and any data which may improve this document should be sent to: DLA Land and Maritime, ATTN: VAT, P.O. Box 3990, Columbus, OH 43218-3990, or email [CircuitProtect@dla.mil](mailto:CircuitProtect@dla.mil). Since contact information can change you may want to verify the currency of the address information using the ASSIST Online database at <https://assist.dla.mil>.

## A-A-CRKTB

3.7 Vibration. Circuit breakers shall not trip when vibrated per MIL-STD-202-204, Test condition A with 100 percent rated current applied to delayed units and 80 percent rated current to instantaneous units.

3.8 Auxiliary switch. Circuit breakers shall be supplied, as an integral part in single or multi-pole assemblies unless omitted with a "Special PIN" as called out in the CID sheets.

3.9 Marking. Circuit breakers supplied to this CID shall be marked with the manufacturer's (MFR's) standard commercial PIN. (NOTE: The part number marked on the unit pack shall be the CID PIN.)

3.10 Recycled, recovered, or environmentally preferable or biobased materials. Recycled, recovered, environmentally preferable or biobased materials should be used to the maximum extent possible provided that the material meets or exceeds the operational and maintenance requirements, and promotes economically advantageous life cycle costs.

3.11 Workmanship. Circuit breakers shall be processed in such a manner as to be uniform in quality and shall be free from other defects that will affect life, serviceability, or appearance.

4. **REGULATORY REQUIREMENTS**. The offeror/contractor is encouraged to use recovered materials to the maximum extent practicable, in accordance with 23.403 of the Federal Acquisition Regulation (FAR).

### 5. PRODUCT CONFORMANCE PROVISIONS.

5.1 Product conformance. The products provided shall meet the salient characteristics of this CID, conform to the producer's own drawings, specifications, standards, and quality assurance practices, and be the same product offered for sale in the commercial market. The Government reserves the right to require proof of such conformance.

5.2 Market acceptance. The following market acceptance criteria are necessary to document the quality of the product to be provided under this CID:

- a. The company producing the item must have been producing a product meeting the requirements of this CID for at least 2 years.
- b. The company producing the item must have sold 1,000 units meeting this CID in the commercial marketplace over the past 2 years.

6. **PACKAGING**. Preservation, packing, and marking shall be as specified in the contract or order.

### 7. NOTES.

7.1 PIN. The PIN should be used for Government purposes to buy commercial products to this CID. See section 2 for PIN format example.

7.2 Commercial and Government Entity (CAGE) code. For ordering purposes, inventory control, and submission of these circuit breakers to DLA Land and Maritime under the Military Parts control Advisory Group (MPCAG) evaluation program, CAGE code 58536 should be used.

A-A-CRKTB

7.3 Source of documents.

DEPARTMENT OF DEFENSE STANDARD

[MIL-STD-202-204](#)- Method 204, Vibration, High Frequency.

(Copies of this document is available online at <http://quicksearch.dla.mil>.)

FEDERAL REGULATIONS

FAR - Federal Acquisition Regulations (FAR).

(Copies of this document are available online at <https://acquisition.gov/far/>).

7.4 Ordering data. The contract or order should specify the following:

- a. CID document number, revision, and CID PIN.
- b. Product conformance provisions.
- c. Packaging requirements.

7.5 Government users. To acquire information on obtaining these circuit breakers from the Government inventory system, contact DLA Land and Maritime, ATTN: DLA Land and Maritime-FMTE, P.O. Box 3990, Columbus, OH 43218-3990, or telephone (614) 692-7389.

7.6 Changes from previous issue. The margins of this CID are marked with vertical lines to indicate where changes from the previous issue were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the last previous issue.

MILITARY INTERESTS:

Custodians:

Navy - EC  
Air Force - 85  
DLA - CC

CIVIL AGENCY COORDINATING ACTIVITY:

GSA - FAS

Preparing activity:

DLA-CC

Project 5925-2021-002

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <https://assist.dla.mil>.