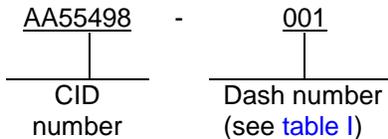


COMMERCIAL ITEM DESCRIPTION

FUSE LINK, ELECTRICAL, TYPE T (SLOW)

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 a type T (slow) fuse link. Fuse links covered by this CID are intended for commercial/industrial applications.
2. **CLASSIFICATION/PART OR IDENTIFICATION NUMBER (PIN).** This CID uses a classification system that is included in the PIN as shown in the following example (see 7.1).

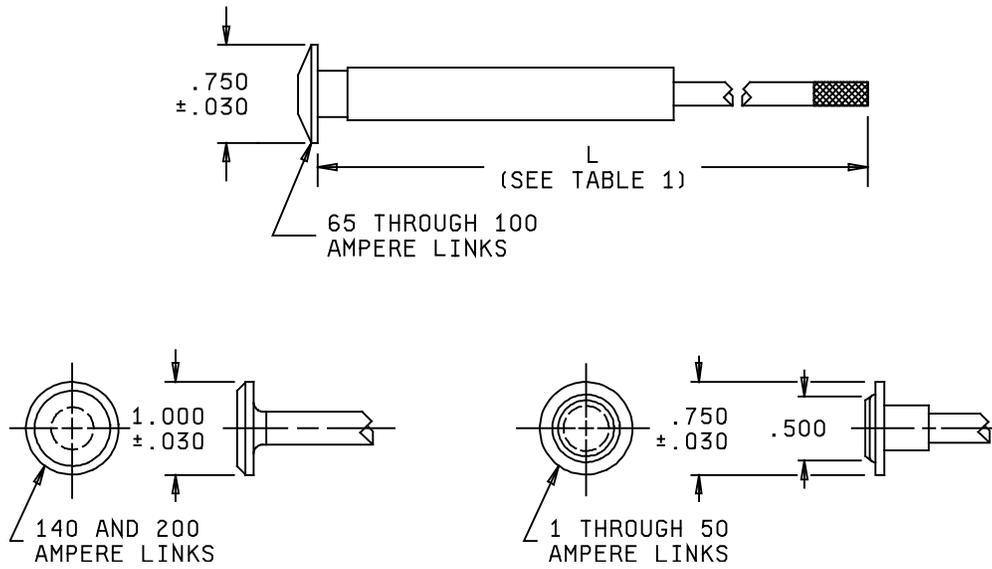


3. SALIENT CHARACTERISTICS.

- 3.1 **Interface and physical dimensions.** Fuse links supplied to this CID shall be as specified herein and shall meet the requirements of [IEEE C37.42](#) for type T (slow) fuse links (see [figure 1](#)).
- 3.2 **Ampere rating.** The ampere rating shall be as specified in [table I](#).
- 3.3 **Voltage rating.** The voltage rating shall be 27 kilovolts ac maximum.
- 3.4 **Melting-time-current characteristics.** The melting-time-current characteristics shall be in accordance with [IEEE C37.42](#) for type T fuse links.
- 3.5 **Minimum overall length.** The minimum overall length shall be as specified in [table I](#).
- 3.6 **Marking.** Fuse links 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.)

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 <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-55498E



Inches	mm
.030	0.78
.500	12.70
.750	19.05
1.000	25.40

NOTES:

1. Dimensions are in Inches.
2. Tolerance is ± 0.005 inch (0.13 mm), unless otherwise specified.

FIGURE 1. Configuration and dimensions.

TABLE I. Characteristics.

CID dash number AA55498-	Ampere rating	Minimum overall length L inches (mm)	CID dash number AA55498-	Ampere rating	Minimum overall length L inches (mm)
001	1	23 (584.20)	019	1	26 (660.40)
002	2		020	2	
003	3		021	3	
004	6		022	6	
005	8		023	8	
006	10		024	10	
007	12		025	12	
008	15		026	15	
009	20		027	20	
010	25		028	25	
011	30		029	30	
012	40		030	40	
013	50		031	50	
014	65		032	65	
015	80		033	80	
016	100		034	100	
017	140		035	140	
018	200		036	200	

3.7 Recycled, recovered, or environmentally preferable materials. Recycled, recovered, or environmentally preferable 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

3.8 Workmanship. Fuse links 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 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 Environmentally preferable materials. Environmentally preferable materials should be used to the maximum extent possible to meet the requirements of this specification. As of the dating of this document, the U.S. Environmental Protection Agency (EPA) is focusing efforts on reducing 31 priority chemicals. The list of chemicals and additional information is available on their website <http://www.epa.gov/osw/hazard/wastemin/priority.htm>. Included in the EPA list of 31 priority chemicals are cadmium, lead, and mercury. Use of these materials should be minimized or eliminated unless needed to meet the requirements specified herein (see Section 3).

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

7.4 Source of documents.

FEDERAL REGULATIONS

[FAR](#) - Federal Acquisition Regulations (FAR)

(Copies of this document are available online at <http://www.acquisition.gov/comp/far/index.html> or from the U.S. Government Printing Office, 732 N. Capital Street, NW, Washington D.C. 20401-0001.)

Other Publications

INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS (IEEE)

[IEEE C37.42](#) - High-Voltage (> 1000V) Expulsion Type Distribution Class Fuses, Fuse and Disconnecting Cutouts, Fuse Disconnecting Switches and Fuse Links, and Accessories Used With These Devices.

(Copies of this document are available online at <http://www.ieee.org/> or from the Institute of Electrical and Electronics Engineers, 2001 L Street, N.W. Suite 700, Washington, DC, 20036-4910.)

(Industry association specifications and standards are generally available for reference from libraries. They are also distributed among technical groups and using Federal agencies.)

7.5 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.

7.6 Commercial products. As part of the market analysis and research effort, this CID was coordinated with the following manufacturers of commercial products. At the time of CID preparation and coordination, these manufacturers were known to have commercial products that would meet the requirements of this CID. (NOTE: This information should not be considered as a list of approved manufacturers or be used to restrict acquisition to only the manufacturers shown.)

<u>MFR's CAGE</u>	<u>MFR's name and address</u>
71400	Cooper Power Systems 1319 Lincoln Avenue Waukesha, WI 53186-3846 Phone number (262) 524-3300 Facsimile number (262) 524-3319 E-mail: emailto:info@cooperpowercentral.com Uniform Resource Locator (URL): http://www.cooperpower.com
0RUR0	Hubbell Power Systems, Incorporated A. B. Chance Company 210 North Allen Street Centralia, MO 65240-1395 Phone number (573) 682-5521 Facsimile number (573) 682-8714 E-mail: emailto:hpsliterature@hubbell.com URL: http://www.hubbellpowersystems.com/

7.7 Part number (P/N) supersession data. This CID PINs supersede the following MFR's P/N's as shown. This information is being provided to assist in reducing proliferation in the Government inventory system.

TABLE II. P/N supersession data.

CID dash number (see table I) AA55498-	Vendor commercial PIN CAGE 71400	Vendor commercial PIN CAGE 71400	Vendor commercial PIN CAGE 0RUR0
001	51001	---	CM1T23
002	51002	---	CM2T23
003	51003	---	CM3T23
004	51006	FL11K6	CM6T23
005	51008	FL11K8	CM8T23
006	51010	FL11K10	CM11T23
007	51012	FL11K12	CM12T23
008	51015	FL11K15	CM15T23
009	51020	FL11K20	CM20T23
010	51025	FL11K25	CM25T23
011	51030	FL11K30	CM30T23
012	51040	FL11K40	CM40T23
013	51050	FL11K50	CM50T23
014	51065	FL11K65	CM65T23
015	51080	FL11K80	CM80T23
016	51100	FL11K100	CM100T23
017	51140	FL11K140	CM140T23
018	51200	FL11K200	CM200T23
019	51001-29	---	CM1T26
020	51002-29	---	CM2T26
021	51003-29	---	CM3T26
022	51006-29	---	CM6T26
023	51008-29	---	CM8T26
024	51010-29	---	CM10T26
025	51012-29	---	CM12T26
026	51015-29	---	CM15T26
027	51020-29	---	CM20T26
028	51025-29	---	CM25T26
029	51030-29	---	CM30T26
030	51040-29	---	CM40T26

See footnote at end of table.

TABLE II. P/N supersession data – Continued.

CID dash number (see table I) AA55498-	Vendor commercial PIN CAGE 71400	Vendor commercial PIN CAGE 71400	Vendor commercial PIN CAGE 0RUR0
031	51050-29	---	CM50T26
032	51065-29	---	CM65T26
033	51080-29	---	CM80T26
034	51100-29	---	CM100T26
035	511040-29	---	CM140T26
036	51200-29	---	CM200T26

1/ The manufacturer's P/N shall not be used for acquisition to the requirements of this CID. At the time of preparation of this CID, the aforementioned commercial products were reviewed and could be replaced by the CID P/N shown. For actual part marking requirements see 3.6.

7.8 Government users. To acquire information on obtaining these fuse links from the Government inventory system, contact DLA Land and Maritime, ATTN: DLA Land and Maritime-FMX, P.O. Box 3990, Columbus, OH 43218-3990, or telephone (614) 692-3677.

7.8.1 National stock number (NSN). The following is a list of NSN's assigned which correspond to this CID. The list is for information only and may not be indicative of all possible NSN's associated with the CID. For up to date information on assigned NSN's, please contact the aforementioned DLA Land and maritime office (See 7.8).

TABLE III. NSN's.

Dash number (see table I) AA55498-	NSN	Dash number (see table I) AA55498-	NSN
001	N/A	019	N/A
002	N/A	020	N/A
003	N/A	021	N/A
004	N/A	022	N/A
005	5920-00-106-5418	023	N/A
006	5920-00-459-0741	024	N/A
007	N/A	025	N/A
008	5920-00-532-3204	026	N/A
009	N/A	027	N/A
010	5920-00-532-3211	028	N/A
011	5920-00-532-3205	029	N/A
012	N/A	030	N/A
013	N/A	031	N/A
014	5920-00-438-4969	032	N/A
015	N/A	033	N/A
016	N/A	034	N/A
017	N/A	035	N/A
018	N/A	036	N/A

7.9 Changes from previous issue. Marginal notations are not used in this revision to identify changes with respect to the previous issue due to the extensiveness of the changes.

MILITARY INTERESTS:

Custodians:
Navy - EC
DLA - CC

CIVIL AGENCY COORDINATING ACTIVITY:

GSA - FAS

Preparing activity:

DLA-CC

Project 5920-2012-051

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>.