

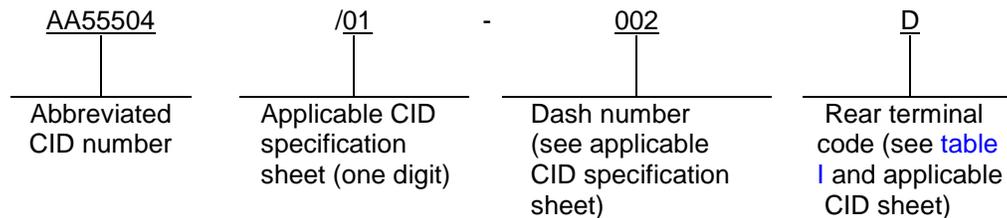
COMMERCIAL ITEM DESCRIPTION

FUSEHOLDER, EXTRACTOR POST, WHICH ACCOMMODATES 3AG (.25 INCH (IN) X 1.25 IN (6.35 MILLIMETERS (MM) X 31.75 MM)) OR .196 IN X .787 IN (5 MM X 20 MM) FUSE CARTRIDGES

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 extractor post fuseholders that accommodate 3AG or 5 mm x 20 mm fuse cartridges. Requirements for specific fuses are covered in the individual CID specification sheets. Fuseholders covered by this CID are intended for commercial/industrial applications.

2. **CLASSIFICATION/PART OR 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. Fuseholders supplied to this CID shall be as specified on the applicable CID specification sheet.

3.2 CID specification sheet. The family of fuseholders 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.

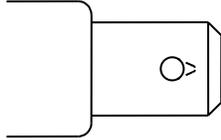
3.3 Ampere rating. The ampere rating shall be 20 amperes maximum.

3.4 Voltage rating. The voltage rating shall be 250 V ac maximum.

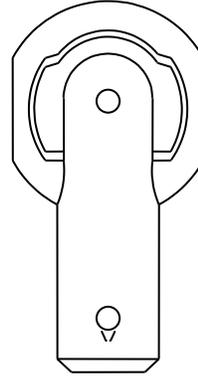
Beneficial comments, recommendations, additions, deletions, clarifications, etc., and any data which may improve this document should be sent to: DLA Land and Maritime, ATTN: VAT, P.O. Box 3990, Columbus, OH 43218-3990, or email <mailto:CircuitProtect@dla.mil>. Since contact information can change you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

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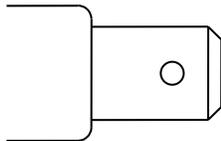
REAR TERMINAL (IN-LINE)
CONFIGURATION A



REAR TERMINAL (RIGHT ANGLE)
CONFIGURATION B



REAR TERMINAL (IN-LINE)
CONFIGURATION C



REAR TERMINAL (RIGHT ANGLE)
CONFIGURATION D

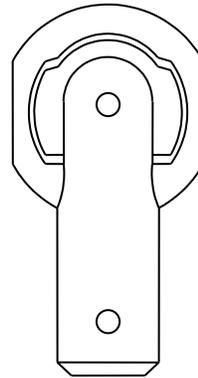


Figure 1. Rear terminal configurations.

TABLE I. Terminals.

Rear terminal code	Rear terminal configuration
A	Quick connect .186 inch (4.74 mm) wide in-line (see figure 1).
B	Quick connect .186 inch (4.74 mm) wide right angle (see figure 1).
C	Quick connect .25 inch (6.35 mm) wide in-line (see figure 1).
D	Quick connect .25 inch (6.35 mm) wide right angle (see figure 1).

3.5 Terminal plating. Terminals shall be tin plated brass. Use of pure tin plating is prohibited as a final finish and as an undercoat. Use of tin-lead (Sn-Pb) finishes are acceptable provided that the minimum lead content is 3 percent.

3.6 Rear terminal configuration (RTC). The RTC shall be as specified in table I and on the applicable CID sheet. The RTC codes A and B may be supplied with a tear-drop shaped hole.

3.7 Insulation resistance. The insulation resistance shall be 10,000 megohms minimum at 500 V dc in accordance with [IEC 60127-6](#).

3.8 Contact resistance. The contact resistance shall be less than 0.005 ohm average at currents up to .1 ampere in accordance with [IEC 60127-6](#).

3.9 Dielectric strength. The dielectric strength shall be 4000 volts minimum.

3.10 Ambient temperature. The ambient temperature shall be -40°C to +85°C.

3.11 Vibration. Fuseholders shall withstand 10-500 hertz, .03 inch constant amplitude or 10 g's constant acceleration.

3.12 Fuseholder body material. The fuseholder body shall be thermoplastic with a [UL 94HB](#) flammability rating as a minimum.

3.13 Knob material. The knob material shall be either gray thermoplastic for the screwdriver slotted knob or black thermoplastic for the finger grip knob with a [UL 94HB](#) flammability rating as a minimum.

3.14 Spacer material. The spacer shall be either neoprene or polycarbonate with a [UL 94HB](#) flammability rating as a minimum.

3.15 Mounting hex nut material. The mounting hex nut shall be of either black polycarbonate or thermoplastic with a [UL 94HB](#) flammability rating as a minimum.

3.16 Mounting. Threaded styles shall withstand 15 pounds per inch mounting torque. Maximum panel thickness .311 inch (7.90 mm).

3.17 Mounting holes. Mounting holes shall be as specified on the applicable CID sheet.

3.18 Marking. Fuseholders 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.)

3.19 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.

3.20 Workmanship. Fuseholders 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 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 fuseholders 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 <https://www.acquisition.gov/comp/far/index.html> or from the U.S. Government Printing Office, 732 North Capital Street, NW, Washington D.C. 20401-0001.)

Other Publications

INTERNATIONAL ELECTROTECHNICAL COMMISSION (IEC)

[IEC 60127-6](#) - Fuse-holders for Miniature Cartridge Fuse-links.

(Copies of this document are available online at <http://www.iec.ch/> or from the International Electrotechnical Commission, 3 Rue De Varembe', P.O. Box 131, Geneve, Switzerland CH - 1211.)

UNDERWRITERS LABORATORIES, INCORPORATED (UL)

[UL 94](#) - Safety Tests for Flammability of Plastic Materials for Parts in Devices and Appliances, Standard for.

(Copies of this document are available online at <http://www.ul.com/> or from the Underwriters Laboratories, Incorporated, 2600 N. W. Lake Road, Camas, WA 98607-8542.)

(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 Government users. To acquire information on obtaining these fuseholders 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.

7.7 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 5920-2012-052

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>.