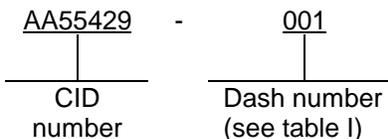


## COMMERCIAL ITEM DESCRIPTION

### FUSEHOLDER, BLOCK, CLASS H, 100 AMPERE, 600 V AC, ONE, TWO, AND THREE POLE

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

1. **SCOPE.** This CID covers the general requirements for one, two, and three pole, 100 ampere, 600 V AC, type H fuseholder blocks. Fuseholders covered by this CID are intended for commercial/industrial applications.
2. **CLASSIFICATION.** This CID uses a classification system which is included in the Part Identification Number (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 herein and shall meet the requirements of UL 512 for class H fuseholders (see figure 1).
- 3.2 Ampere rating. The ampere rating shall be 100 amperes maximum.
- 3.3 Voltage rating. The voltage rating shall be 600 V ac maximum.
- 3.4 Interrupting rating. This class H fuseholder shall be used with class H fuses that have an interrupting rating of 10,000 amperes maximum.
- 3.5 Wire termination. Wire termination shall be specified on figure 2 and as follows:
  - a. Screw connector for use with spade tugs or ring terminals.
  - b. Screw with pressure plate connector for use with solid or standard wire without terminal (recommended where vibration will be a factor).
  - c. Box lug connector (the most durable). For use with all types of wire without terminal.

Beneficial comments recommendations, additions, deletions, clarifications, etc., and any data which may improve this document should be addressed to: Defense Supply Center, Columbus, ATTN: DSCC-VAT, Post Office Box 3990, Columbus, OH 43216-5000, or telephone (614) 692-0548, or facsimile (FAX) (614) 692-6939.

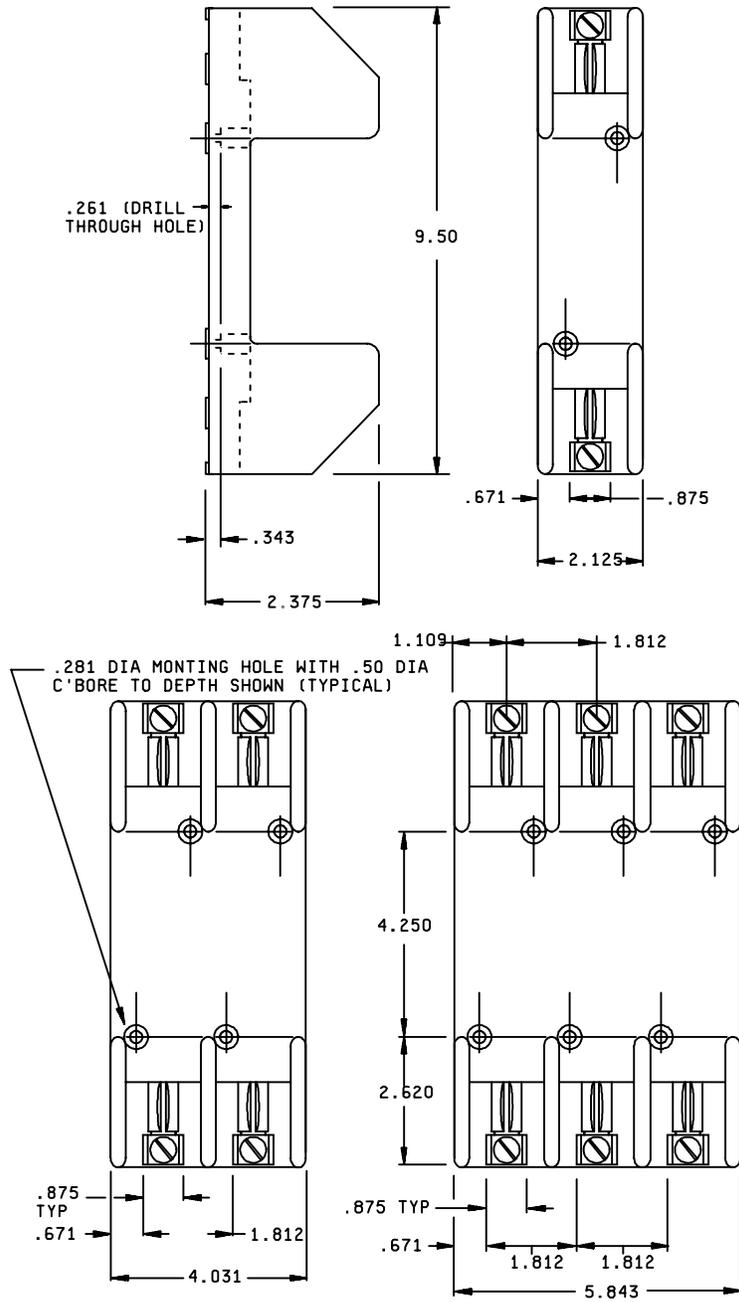


FIGURE 1. Configuration and dimensions.

Inches	mm	Inches	mm
.261	6.53	2.125	53.97
.281	7.14	2.375	60.32
.343	8.73	2.620	66.67
.50	12.7	4.031	102.39
.671	17.06	4.250	107.95
.875	22.22	5.843	148.43
1.109	28.17	9.50	241.3
1.812	46.03		

NOTES:

1. Dimensions are in inches.
2. Tolerance is  $\pm 0.005$  inch (0.13 mm), unless otherwise specified.

FIGURE 1. Configuration and dimensions - Continued.

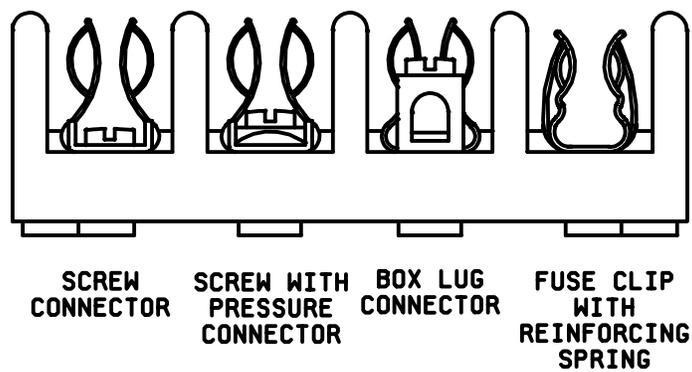


FIGURE 2. Wire termination configuration.

TABLE I. Characteristics

A-A-55429-	Characteristics
001	1 pole with screw connectors. Fuse clips with reinforcing springs.
002	1 pole with box lug connectors. Fuse clips with reinforcing springs.
003	2 pole with screw connectors. Fuse clips with reinforcing springs.
004	2 pole with box lug connectors. Fuse clips with reinforcing springs.
005	3 pole with screw connectors. Fuse clips with reinforcing springs.
006	3 pole with box lug connectors. Fuse clips with reinforcing springs.

3.6 Wire size. The maximum wire size shall be #1/0 CU-AL for screw connectors and screw with pressure plate connectors and #6/0 CU-AL for box lug connectors.

3.7 Reinforcing spring. Reinforcing springs are used for reinforcement of the fuse clip. Spring reinforced fuse clips are recommended if frequent fuse replacement is expected.

3.8 Marking. Fuseholders supplied to this CID shall be marked with the manufacturer's standard commercial PIN and the UL listing mark.

3.9 Fuse accommodation. This fuseholder accepts class H fuses with dimensions of 7.875 inches, (200.02 mm) a blade thickness of .125 inch (3.17 mm), and a blade width of .750 inch (19.05 mm).

3.10 Marking. Fuseholders supplied to this CID shall be marked with the manufacturer's (MFR's) standard commercial PIN and the UL listing mark.

4. REGULATORY REQUIREMENTS. 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. 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 Commercial and Government Entity (CAGE) code. For ordering purposes, inventory control, and submission of these fuseholders to DSCC under the Military Parts Control Advisory Group (MPCAG) evaluation program, CAGE code 58536 should be used.

7.3 Source of documents.

## Other Publications

## UNDERWRITERS LABORATORIES, INCORPORATED (UL)

UL 512 - Fuseholders, Standard for Safety.

(Applications for copies should be addressed to the Underwriters Laboratories, Incorporated, 333 Pfingsten Road, Northbrook, IL 60062-2096.)

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

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 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 procurement to only the manufacturers shown.)

<u>MFR's CAGE</u>	<u>MFR's name and address</u>
71400	Cooper Bussmann, Incorporated P. O. Box 14460 St. Louis, MO 63178-4460 Phone number (636) 394-2877 Facsimile number (800) 544-2570 E-mail fusebox@buss.com Uniform Resource Locator (URL): www.bussmann.com
71424	Ferraz Shawmut 374 Merrimac Street Newburyport, MA 01950- Phone number (978) 462-6662 Facsimile number (978) 462-3131 E-mail: info@ferrazshawmut.com URL: www.gouldshawmut.com
75915	Littelfuse Incorporated 800 E. Northwest Highway Des Plaines, IL 60016-3096 Phone number (847) 824-1188 Facsimile number (847) 391-0894 E-mail: electronics@littelfuse.com URL: www.littelfuse.com

7.6 Part number (P/N) supersession data. This CID supersedes the following manufacturers' 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 AA55429-	MFR's CAGE 71400	MFR's CAGE 71424	MFR's CAGE 75915
	MFR's P/N <u>1/</u>	MFR's P/N <u>1/</u>	MFR's P/N <u>1/</u>
001	H60100-1SR	---	---
002	H60100-1CR	61036	LH60100-1CR
003	H60100-2SR	---	---
004	H60100-2CR	---	LH60100-2CR
005	H60100-3SR	---	---
006	H60100-3CR	61038	LH60100-3CR

1/ The manufacturer's P/N shall not be used for procurement 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.

7.7 Government users. To acquire information on obtaining these fuseholders from the Government inventory system, contact Defense Supply Center, Columbus, ATTN: DSCC-CSBA, Post Office Box 3990, Columbus, OH 43216-5000, or telephone (614) 692-8508.

7.7.1 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 DSCC office (See 7.7).

TABLE III. NSN's.

Dash number (see table I) AA55429-	NSN
001	N/A
002	N/A
003	N/A
004	N/A
005	N/A
006	5920-01-284-9038

MILITARY INTERESTS:

Custodians:  
Navy - EC

CIVIL AGENCY COORDINATING ACTIVITY:

GSA - 7FXE

Preparing Activity:

DLA - CC

Project 5920-0683