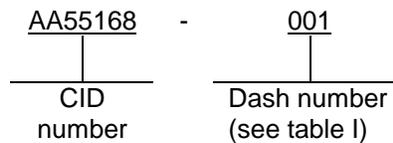


COMMERCIAL ITEM DESCRIPTION

FUSEHOLDER, BLOCK, CLASS H, 30 AMPERE, 250 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 class H type 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 30 amperes maximum.
- 3.3 **Voltage rating.** The voltage rating shall be 250 V ac maximum.
- 3.4 **Interrupting rating.** This class H fuseholder shall be used with class H fuses which 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.
 - 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.

A-A-55168A

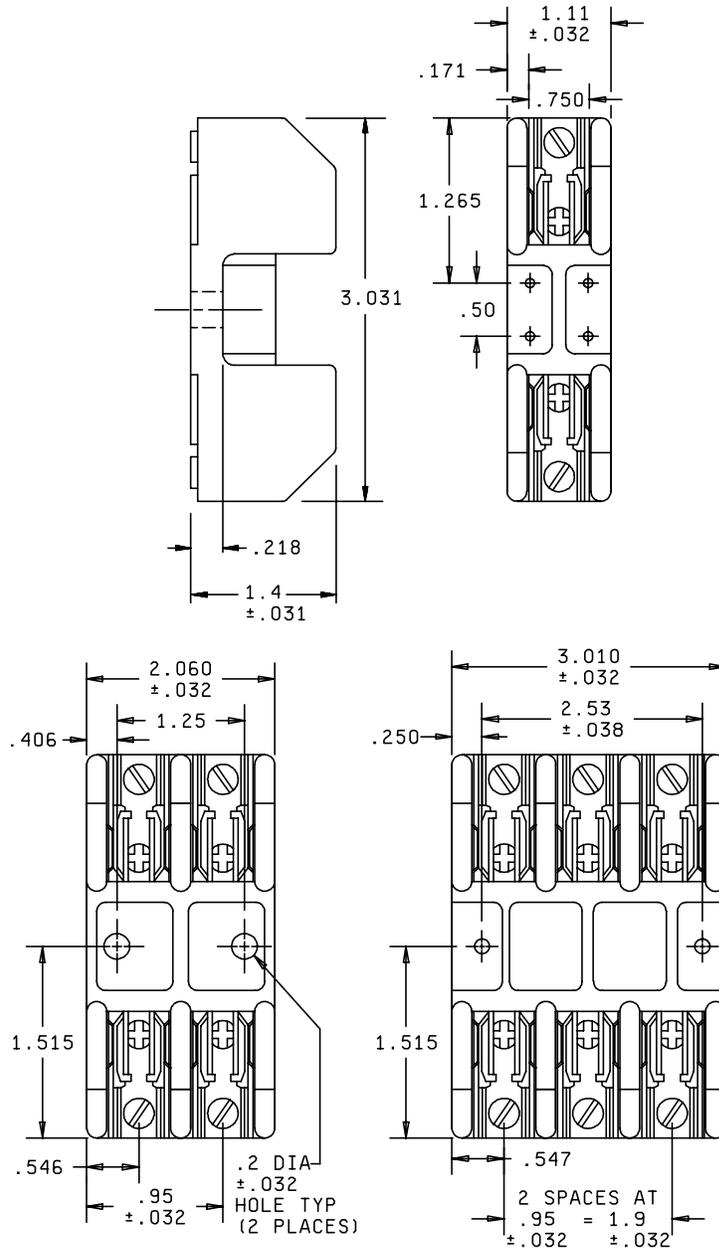


FIGURE 1. Configuration and dimensions.

Inches	mm	Inches	mm
.171	4.36	1.25	31.75
.218	5.53	.265	32.14
.250	6.35	.406	35.71
.406	10.31	.515	38.49
.50	12.7	.906	48.41
.546	13.89	.046	51.99
.750	19.05	2.50	63.5
.953	24.20	3.00	76.2
1.093	27.78	.031	76.98

NOTES:

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

FIGURE 1. Configuration and dimensions - Continued.

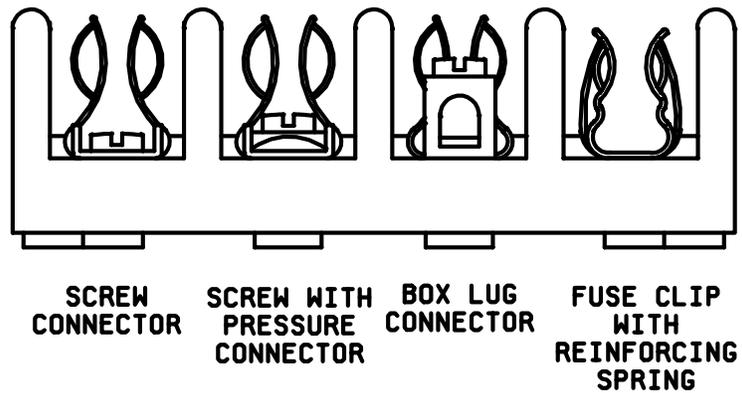


FIGURE 2. Wire termination configuration.

TABLE I. Characteristics

A-A-55168-	Characteristics
001	1 pole with screw connectors.
002	1 pole with screw connectors. Fuse clips with reinforcing springs.
003	1 pole with screws with pressure plate connectors.
004	1 pole, screws with pressure plate connectors. Fuse clips with reinforcing springs.
005	1 pole with box lug connectors.
006	1 pole with box lug connectors. Fuse clips with reinforcing springs.
007	2 pole with screw connectors.
008	2 pole with screw connectors. Fuse clips with reinforcing springs.
009	2 pole, screws with pressure plate connectors.
010	2 pole, screws with pressure plate connectors. Fuse clips with reinforcing springs.
011	2 pole, screws with pressure plate connectors.
012	2 pole with box lug connectors. Fuse clip with reinforcing springs.
013	3 pole with screw connectors.
014	3 pole with screw connectors. Fuse clips with reinforcing springs.
015	3 pole, screws with pressure plate connectors.
016	3 pole, screw with pressure plate connectors. Fuse clips with reinforcing springs.
017	3 pole with box lug connectors.
018	3 pole with box lug connectors. Fuse clips with reinforcing springs.

3.6 Wire size. The maximum wire size shall be #10 CU for screw connectors and screw with pressure plate connectors and #2 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 accomodation. This fuseholder accepts class H fuses with dimensions of 0.562 inch x 2.00 inches (14.28 mm x 50.8 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 AA55168-	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	H25030-1S	20311	LH25030-1S
002	H25030-1SR	20316	LH25030-1SR
003	H25030-1P	20321	LH25030-1P
004	H25030-1PR	20326	LH25030-1PR
005	H25030-1C	20301	LH25030-1C
006	H25030-1CR	20306	LH25030-1CR
007	H25030-2S	20312	LH25030-2S
008	H25030-2SR	20317	LH25030-2SR
009	H25030-2P	20322	LH25030-2P
010	H25030-2PR	20327	LH25030-2PR
011	H25030-2C	20302	LH25030-2C
012	H25030-2CR	20307	LH25030-2CR
013	H25030-3S	20313	LH25030-3S
014	H25030-3SR	20318	LH25030-3SR
015	H25030-3P	20323	LH25030-3P
016	H25030-3PR	20328	LH25030-3PR
017	H25030-3C	20303	LH25030-3C
018	H25030-3CR	20308	LH25030-3CR

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) AA55168-	NSN	Dash number (see table I) AA55168-	NSN
001	5920-01-368-3717	010	N/A
002	N/A	011	5920-01-200-9318
003	5920-01-293-3965	012	N/A
004	5920-01-315-7400	013	5920-01-138-1764
005	5920-01-282-2032	014	N/A
006	N/A	015	N/A
007	5920-01-151-6479	016	N/A
008	5920-01-263-2781	017	N/A
009	N/A	018	N/A

MILITARY INTERESTS:

Custodians:
Navy - EC

CIVIL AGENCY COORDINATING ACTIVITY:

GSA - 7FXE

Preparing Activity:

DLA - CC

Project 5920-0687