[INCH-POUND]
A-A-55168E
5 May 2016
SUPERSEDING
A-A-55168D
12 July 2012

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 for all federal agencies.

1. SCOPE. This commercial item description (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/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).

AA55168	-	001
CID number		Dash number (see table I)

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 4248-1 and UL 4248-6 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 that may improve this document should be sent to: DLA Land and Maritime, ATTN: DLA Land and Maritime-VAT, P.O. Box 3990, Columbus, OH 43218-3990, or email 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.

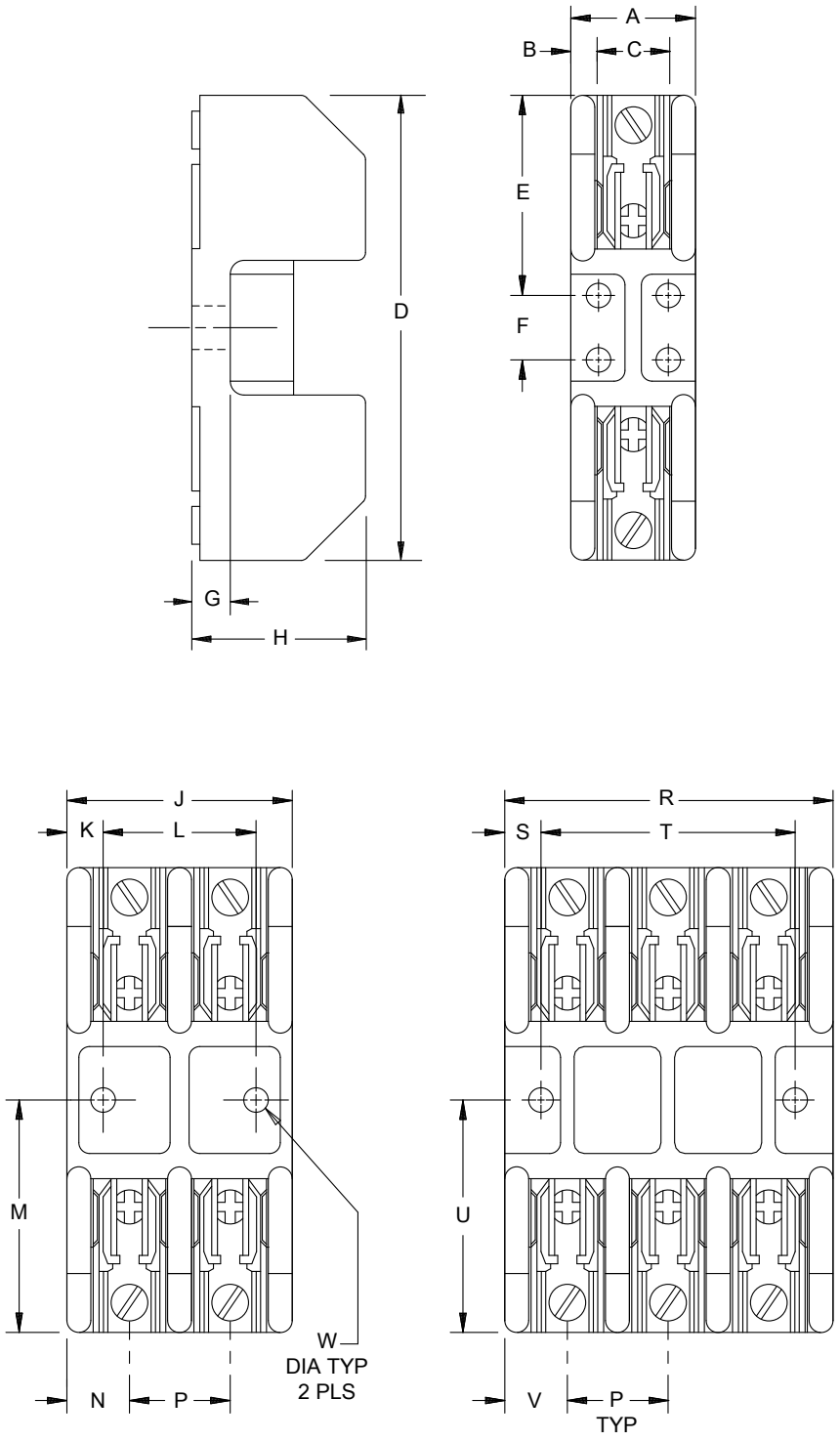

FIGURE 1. Configuration and dimensions.

Dimensions									
Letter	Inches		Millimeters		Letter	Inches		Millimeters	
	Min.	Max.	Min.	Max.		Min.	Max.	Min.	Max.
A 1.11 ± .032	1.078	1.142	27.38	29.01	L 1.25	1.245	1.255	31.62	31.88
B .171	.166	.176	4.22	4.47	M 1.515	1.510	1.520	38.35	38.61
C .750	.745	.755	18.92	19.18	N .546	.541	.551	13.74	14.00
D 3.031	3.026	3.036	76.86	77.11	P .950 ±.032	.918	.982	23.32	24.94
E 1.265	1.260	1.270	32.00	32.26	R 3.010 ±.032	2.978	3.042	75.64	77.27
F .500	.495	.505	12.57	12.83	S .250	.245	.255	6.22	6.48
G .218	.213	.223	5.41	5.66	T 2.53 ±.038	2.492	2.568	63.30	65.23
H 1.4 ±.031	1.370	1.431	34.80	36.35	U 1.515	1.510	1.520	38.35	38.61
J 2.060 ±.032	2.028	2.092	51.51	53.14	V .547	.542	.552	13.77	14.02
K .406	.401	.411	10.19	10.44					

NOTES:

1. Dimensions are in inches.
2. Tolerance is ±.005 inch (0.13 mm), unless otherwise specified.

FIGURE 1. Configuration and dimensions - Continued.

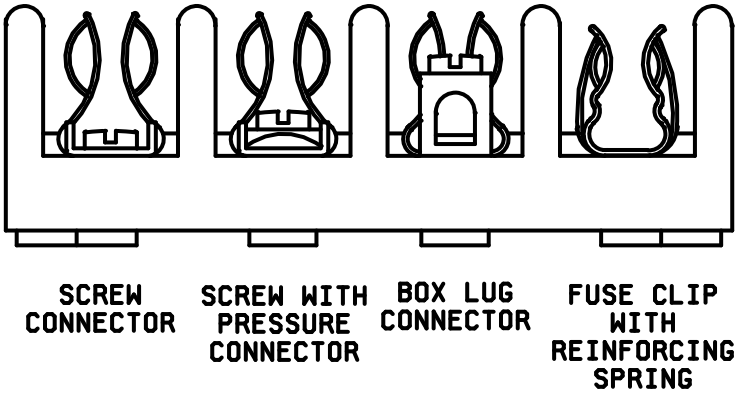

FIGURE 2. Wire termination configurations.

TABLE I. Characteristics.

AA55168-	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, with box lug 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 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).

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

7.3 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)

Other Publications

UNDERWRITERS LABORATORIES, INCORPORATED (UL)

UL 4248-1 - UL Standard for Safety Fuseholders – Part 1: General Requirements.

UL 4248-6 - UL Standard for Safety Fuseholders – Part 6: Class H.

(Copies of these documents are available online at http://www.ul.com/)

(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.)

MFR's CAGE	MFR's name and address
26405	Marathon Special Products 427 Van Camp Road Bowling Green, OH 43402-0468 Phone number (419) 352-8441 Facsimile number (419) 352-0875 E-mail: marketing@marathonsp.com Uniform Resource Locator (URL): http://www.marathonsp.com/
71400	Cooper Bussmann, LLC 114 Old State Road Ellisville, MO 63021-5915 Phone number (636) 394-2877 Facsimile number (636) 527-1415 E-mail: BussCustSat@eaton.com URL: http://www.cooperinductries.com
71424	Mersen 374 Marrimac Street Newburyport, MA 01950-1930 Phone number (978) 462-6662 E-mail: technicalservices.nby@mersen.com URL: http://www.ep-us.mersen.com/
75915	Littelfuse Incorporated 8755 W. Higgins Road; Suite 500 Chicago, IL 60631-2701 Phone number (773) 628-1000 E-mail: electronics@littelfuse.com URL: http://www.littelfuse.com

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

TABLE III. P/N supersession data.

CID dash number AA55168-	MFR's CAGE 26405	MFR's CAGE 71400	MFR's CAGE 71424	MFR's CAGE 75915
	MFR's P/N 1/	MFR's P/N 1/	MFR's P/N 1/	MFR's P/N 1/
001	F30A1S	N/A	20311	LFH250301S
002	RF30A1S	HM25030-1SR	20316	LFH250301SR
003	F30A1SP	N/A	20321	LFH250301P
004	RF30A1SP	HM25030-1PR	20326	LFH250301PR
005	F30A1B	N/A	20301	LFH250301C
006	RF30A1B	HM25030-1CR	20306	LFH25030-1CR
007	F30A2S	N/A	20312	LFH25030-2S
008	RF30A2S	HM25030-2SR	20317	LFH250302SR
009	F30A2SP	N/A	20322	LFH250302P
010	RF30A2SP	M25030-2PR	20327	LFH250302PR
011	F30A2B	N/A	20302	LFH250302C
012	RF30A2B	HM25030-2CR	20307	LFH250302CR
013	F30A3S	N/A	20313	LFH250303S
014	RF30A3S	HM25030-3SR	20318	LFH250303SR
015	F30A3SP	N/A	20323	LFH250303P
016	RF30A3SP	HM25030-3PR	20328	LFH250303PR
017	F30A3B	N/A	20303	LFH250303C
018	RF30A3B	H25030-3CR	20308	LFH250303CR

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 3.9.

7.7 Government users. To acquire information on obtaining these fuseholder blocks from the Government inventory system, contact DLA Land and Maritime, ATTN: DLA Land and Maritime-FMX, Post Office Box 3990, Columbus, OH 43218-3990, or telephone (614) 692-3677.

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 DLA Land and Maritime office (See 7.8).

TABLE IV. 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	5920-00-417-4624	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

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
DLA - CC

CIVIL AGENCY COORDINATING ACTIVITY:

GSA - FAS

Preparing activity:

DLA-CC

Project 5920-2016-020

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.