

A-A-55427
October 1, 1993

COMMERCIAL ITEM DESCRIPTION

FUSEHOLDER, BLOCK, CLASS M, 60 AMPERES, 250 V AC,
ONE, TWO, AND THREE POLEThe General Services Administration has authorized
the use of this commercial item description (CID).

Abstract. This CID covers the general requirements for one, two, and three pole, class M type fuseholder blocks. Fuseholders covered by this CID are intended for commercial/industrial applications and shall not be used in military systems needing stringent environmental and electrical requirements.

Part or Identifying Number (PIN). The PIN for the CID shall be as shown in the following example:

<u>A-A-55427</u> CID number	-	<u>001</u> Dash number (see table I)
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Salient characteristics.

Ampere rating. The ampere rating shall be 60 amperes maximum.

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

Interrupting rating. This class M fuseholder is to be used with class M fuses which have an interrupting rating of 10,000 amperes.

Design and construction. Fuseholders supplied to this CID shall be as specified herein and shall meet the requirements of UL 512 for class M fuseholders and as specified on figure 1.

Wire termination. Wire termination shall be as specified on figure 2 and as follows:

- a. Screw connector for use with spade lugs 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 terminals.

Wire size. The maximum wire size shall be number 10 CU-AL for screw connectors and screw with pressure plate connectors and number 4 CU-AL for box lug connectors.

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

Marking. Fuseholders supplied to this CID shall be marked with the manufacturer's standard commercial PIN.

Fuse accommodations. This fuseholder accepts class M fuses with dimensions of 20.63 millimeters X 76.2 millimeters (0.812 inch X 3.00 inches).

Regulatory requirements. This section is not applicable to this CID.

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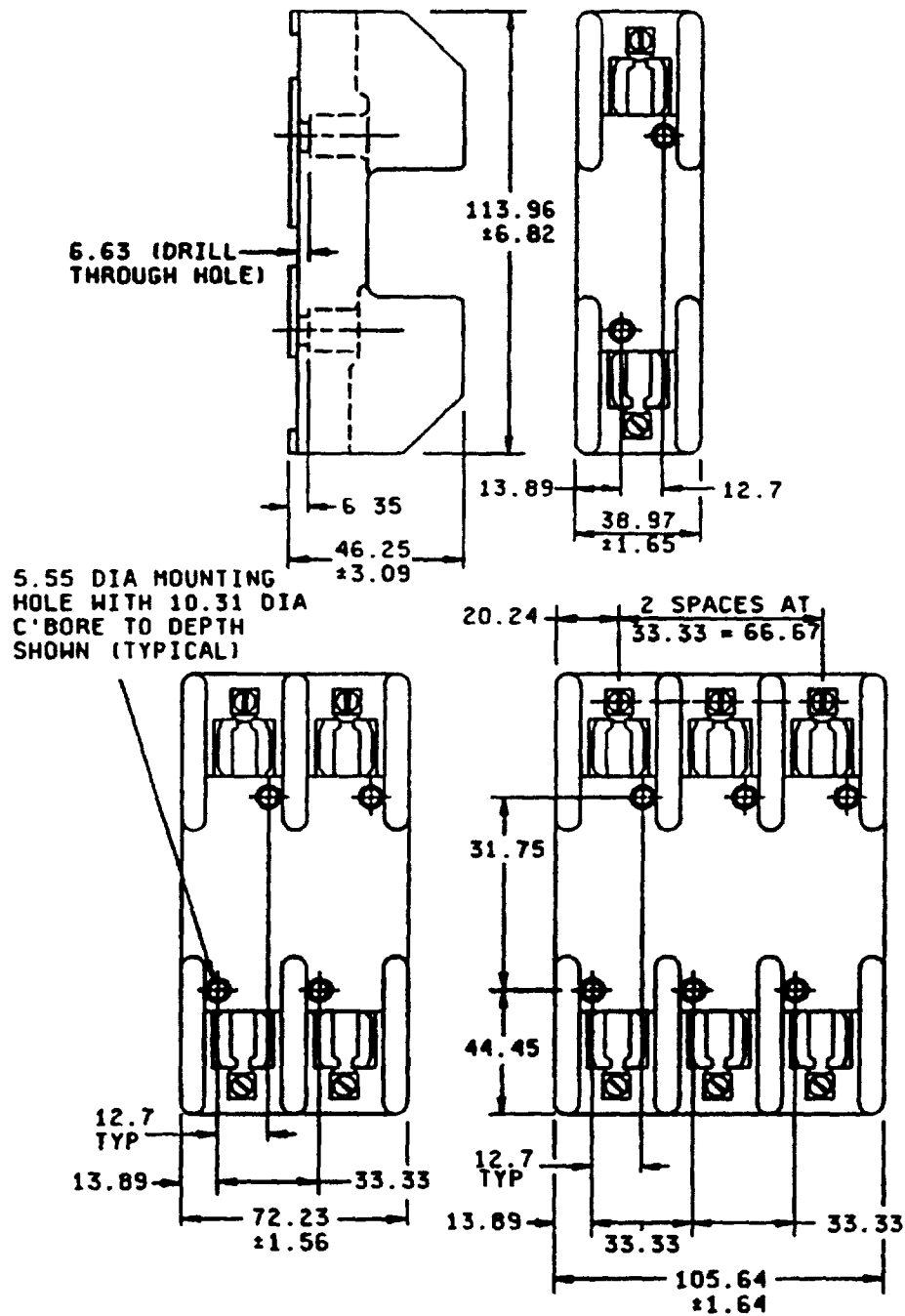


Figure 1. Configuration and dimensions.

mm	Inches	mm	Inches
1.56	.061	20.24	.796
1.64	.064	31.75	1.250
1.65	.065	33.33	1.310
3.09	.121	38.97	1.534
5.55	.218	44.45	1.750
6.35	.250	46.25	1.821
6.63	.261	66.67	2.625
6.82	.263	72.23	2.843
10.31	.406	102.65	4.750
12.7	.50	105.64	4.159
13.89	.546	113.96	4.487

NOTES:

1. Dimensions are in millimeters.
2. Tolerance is ± 0.13 millimeter (0.005 inch) unless otherwise specified.
3. This item was designed using inch-pound units of measurement. In case of problems involving conflicts between the metric and inch-pound units, the inch-pound units shall rule.

Figure 1. Configuration and dimensions - Continued.

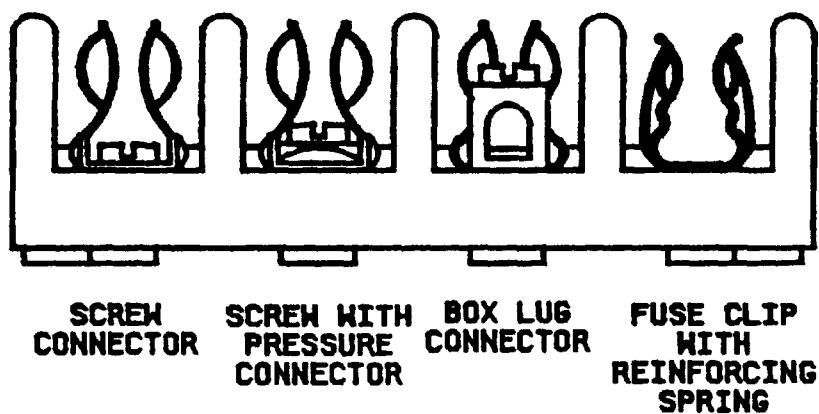


Figure 2. Wire termination configuration.

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TABLE I. Characteristics.

A-A-55427-	Characteristics
001	1 pole, screw connector.
002	1 pole, screw connector. Fuse clip with reinforcing spring.
003	1 pole, screw with pressure plate connector.
004	1 pole, screw with pressure plate connector. Fuse clip with reinforcing spring.
005	1 pole, box lug connector.
006	1 pole, box lug connector. Fuse clip with reinforcing spring.
007	2 pole, screw connector.
008	2 pole, screw connector. Fuse clip with reinforcing spring.
009	2 pole, screw with pressure plate connector.
010	2 pole, screw with pressure plate connector. Fuse clip with reinforcing spring.
011	2 pole, box lug connector.
012	2 pole, box lug connector. Fuse clip with reinforcing spring.
013	3 pole, screw connector.
014	3 pole, screw connector. Fuse clip with reinforcing spring.
015	3 pole, screw with pressure plate connector.
016	3 pole, screw with pressure plate connector. Fuse clip with reinforcing spring.
017	3 pole, box lug connector.
018	3 Pole, box lug connector. Fuse clip with reinforcing spring.

Quality assurance provisions.

Responsibility for inspection. The contractor is responsible for the performance of all inspection, examination, and test requirements specified in the contract or purchase order. The contractor may use his own or any other facilities suitable for inspection requirements specified in the contract or purchase order, unless otherwise disapproved by the acquiring activity. The acquiring activity reserves the right to perform any of the inspections set forth in the contract or purchase order where such inspections, examinations, and tests are deemed necessary to assure supplies and services conform to prescribed requirements.

Contractor certification statement. The contractor shall certify and maintain objective quality evidence that the product offered meets the requirements of this CID, and that the product conforms to the producer's own drawings, specifications, standards, quality assurance practices, and is the same as the product provided as a bid sample. The acquiring activity reserves the right to require proof of such conformance prior to the first delivery and thereafter as may be otherwise provided for under the provisions of the contract.

Certificate of compliance. A certificate of compliance shall accompany all fuseholders supplied to this CID. The letter of certification shall state that the fuseholder is UL listed to the requirements of UL 512 for class H fuseholders and it shall include the UL file number.

Packaging.

Preservation, packaging, packing, labeling, and marking. Preservation, packaging, packing, labeling, and marking shall be as specified in the contract or purchase order.

Notes. This section contains relevant information which is useful to buyers, users, and suppliers in the process of acquiring the item, but is not mandatory.

Ordering data. The contract or purchase order shall specify the following:

- a. CID document number and revision and CID PIN.
- b. Quality assurance provisions.
- c. Packaging requirements.

Comments. Comments on this CID should be directed to Defense Electronics Supply Center, 1507 Wilmington Pike, ATTN: DESC-ENM, Dayton, OH 45444-5270, or telephone (513) 296-6184, or fax (513) 296-8868.

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Suggested sources of supply. Suggested sources of supply are listed herein. Additional sources will be added as they become available.

CID dash number (see table I) A-A-55427-	Vendor commercial PIN CAGE 71400	Vendor commercial PIN CAGE 71424	Vendor commercial PIN CAGE 75915
001	H25060-1S	20611	LH25060-1S
002	H25060-1SR	20616	LH25060-1SR
003	H25060-1P	---	---
004	H25060-1PR	---	---
005	H25060-1C	20601	LH25060-1C
006	H25060-1CR	20606	LH25060-1CR
007	H25060-2S	20612	LH25060-2S
008	H25060-2SR	20617	LH25060-2SR
009	H25060-2P	---	---
010	H25060-2PR	---	---
011	H25060-2C	20602	LH25060-2C
012	H25060-2CR	20607	LH25060-2CR
013	H25060-3S	20613	LH25060-3S
014	H25060-3SR	20618	LH25060-3SR
015	H25060-3P	---	---
016	H25060-3PR	---	---
017	H25060-3C	20603	LH25060-3C
018	H25060-3CR	20608	LH25060-3CR

Vendor CAGE
number

71400

Vendor name
and address

Bussmann
P.O. Box 14460
St. Louis, MO 63178-4460
(314) 394-2877

71424

Gould, Incorporated
374 Merrimac Road
Newburyport, MA 01950-1998
(508) 462-6662

75915

Littelfuse, Incorporated
800 E. Northwest Highway
Des Plaines, IL 60016-3096
(312) 824-1188

CIVIL AGENCY COORDINATING ACTIVITY:

GSA - 7FXE

PREPARING ACTIVITY:

DLA-ES

Project 5920-D201