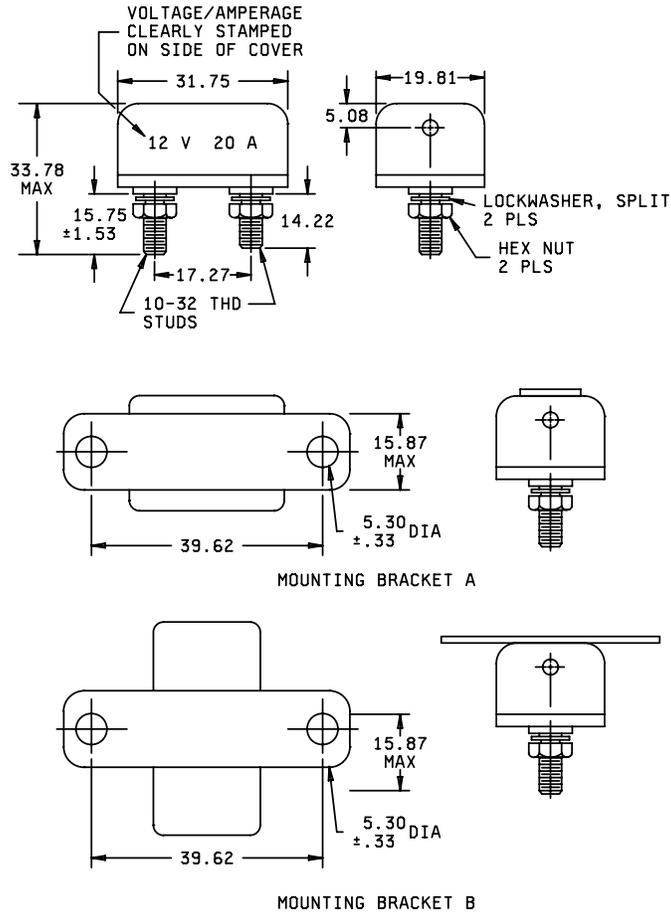


A-A-55490B



mm	Inches	mm	Inches
0.33	.012	15.87	.625
1.53	.060	17.27	.680
5.08	.200	19.81	.780
5.30	.208	31.75	1.250
14.22	.559	33.78	1.330
15.75	.620	39.62	1.560

NOTES:

1. Dimensions are in millimeters.
2. Unless otherwise specified, tolerance is ± 0.13 millimeter (.005 inch).
3. The US government preferred system of measurement is the metric SI system. However, this item was originally designed using inch-pound units of measurement. In the event of conflict between the metric and inch-pound units, the inch-pound units shall take precedence.

FIGURE 1. Configuration and dimensions.

TABLE I. Electrical characteristics.

AA55490-	Ampere rating	Mounting bracket configuration	AA55490-	Ampere rating	Mounting bracket configuration
001	4	No bracket	019	15	Mounting bracket A
002	5		020	20	
003	6		021	25	
004	8		022	30	
005	10		023	40	
006	12		024	50	
007	15		025	4	Mounting bracket B
008	20		026	5	
009	25		027	6	
010	30		028	8	
011	40		029	10	
012	50		030	12	
013	4	Mounting bracket A	031	15	
014	5		032	20	
015	6		033	25	
016	8		034	30	
017	10		035	40	
018	12		036	50	

3.6 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.

3.7 Workmanship. Circuit breakers 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.

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 material. 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 is available on their website at <http://www.epa.gov/epaoswer/hazwaste/minimize/chemlist.htm>. Further information is available at the following EPA site: <http://www.epa.gov/epaoswer/hazwaste/minimize/>. Included in the EPA list of 31 priority chemicals are cadmium, lead, and mercury. Use of the materials on the list 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 circuit breakers to DSCC under the Military Parts Control Advisory Group (MPCAG) evaluation program, CAGE code 58536 should be used.

7.4 Source of documents.

FEDERAL ACQUISITION REGULATION (FAR)

FAR - Federal Acquisition Regulations.

(Copies of this document are available online at <http://www.acquisition.gov/comp/far/index.html> from the U.S. Government Printing Office, 732 North Capital Street, NW, Washington D.C. 20401-0001.)

Other Publications

SOCIETY OF AUTOMOTIVE ENGINEERS (SAE)

[SAE J553](#) - Circuit Breakers.

(Copies of these document are available online at <http://www.sae.org/> or from the Society of Automotive Engineers, 400 Commonwealth Drive, Warrendale, PA 15096-0001.)

(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 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>Manufacturer's CAGE</u>	<u>Manufacturer's name and address</u>
71400	Cooper Bussmann, Incorporated Automotive Products 7300 W. Wilson Avenue Chicago, IL 60706-4792 Phone number: (800) 323-1226 Facsimile number: (800) 544-2570 E-mail: mailto:fusebox@cooperindustries.com Uniform Resource Locator (URL): http://www.bussauto.com

7.7 Part number (P/N) supersession data. These CID PINs supersede the following MFR's 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 (see table I) AA55490-	MFR's CAGE 11873	CID dash number (see table I) AA55490-	MFR's CAGE 11873
	MFR's P/N <u>1/</u>		MFR's P/N <u>1/</u>
001	N/A	019	121B15-B2P-HA
002	121B05-00M-HA	020	121B20-B2P-HA
003	121B06-00M-HA	021	121B25-B2P-HA
004	121B08-00M-HA	022	121B30-B2P-HA
005	121B10-00M-HA	023	121B40-B2P-HA
006	121B12-00M-HA	024	121B50-B2P-HA
007	121B15-00M-HA	025	N/A
008	121B20-00M-HA	026	121B05-A2P-HA
009	121B25-00M-HA	027	121B06-A2P-HA
010	121B30-00M-HA	028	121B08-A2P-HA
011	121B40-00M-HA	029	121B10-A2P-HA
012	121B50-00M-HA	030	121B12-A2P-HA
013	N/A	031	121B15-A2P-HA
014	121B05-B2P-HA	032	121B20-A2P-HA
015	121B06-B2P-HA	033	121B25-A2P-HA
016	121B08-B2P-HA	034	121B30-A2P-HA
017	121B10-B2P-HA	035	121B40-A2P-HA
018	121B12-B2P-HA	036	121B50-A2P-HA

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 PIN shown. For actual part marking requirements see [3.5](#).

7.8 Government users. To acquire information on obtaining these circuit breakers from the Government inventory system, contact Defense Supply Center, Columbus, ATTN: DSCC-FMX, Post Office Box 3990, Columbus, OH 43218-3990, or telephone (614) 692-3677.

7.9 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.

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MILITARY INTERESTS:

Custodians:
Navy - EC
DLA - CC

CIVIL AGENCY COORDINATING ACTIVITY:

GSA - FSS

Preparing activity:

DLA-CC

Project 5925-2008-005

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 <http://assist.daps.dla.mil>.