

[INCH-POUND]
A-A-55571/5F
11 December 2014

SUPERSEDING
A-A-55571/5E
7 May 2009

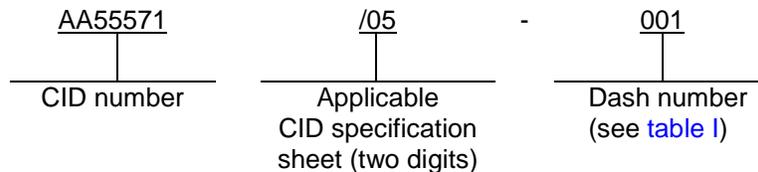
COMMERCIAL ITEM DESCRIPTION
SPECIFICATION SHEET

CIRCUIT BREAKER, 28 VOLTS (V) DC, AUTOMATIC
RESET, NONWATERPROOF, 10 AMPERES (A) TO 35 A

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

The complete requirements for procuring the circuit breakers described herein shall consist of this document and the issue in effect of CID [A-A-55571](#).

CLASSIFICATION/PART OR IDENTIFICATION NUMBER (PIN). This commercial item description (CID) specification sheet uses a classification system which is included in the PIN as shown in the following example (see NOTES).



SALIENT CHARACTERISTICS.

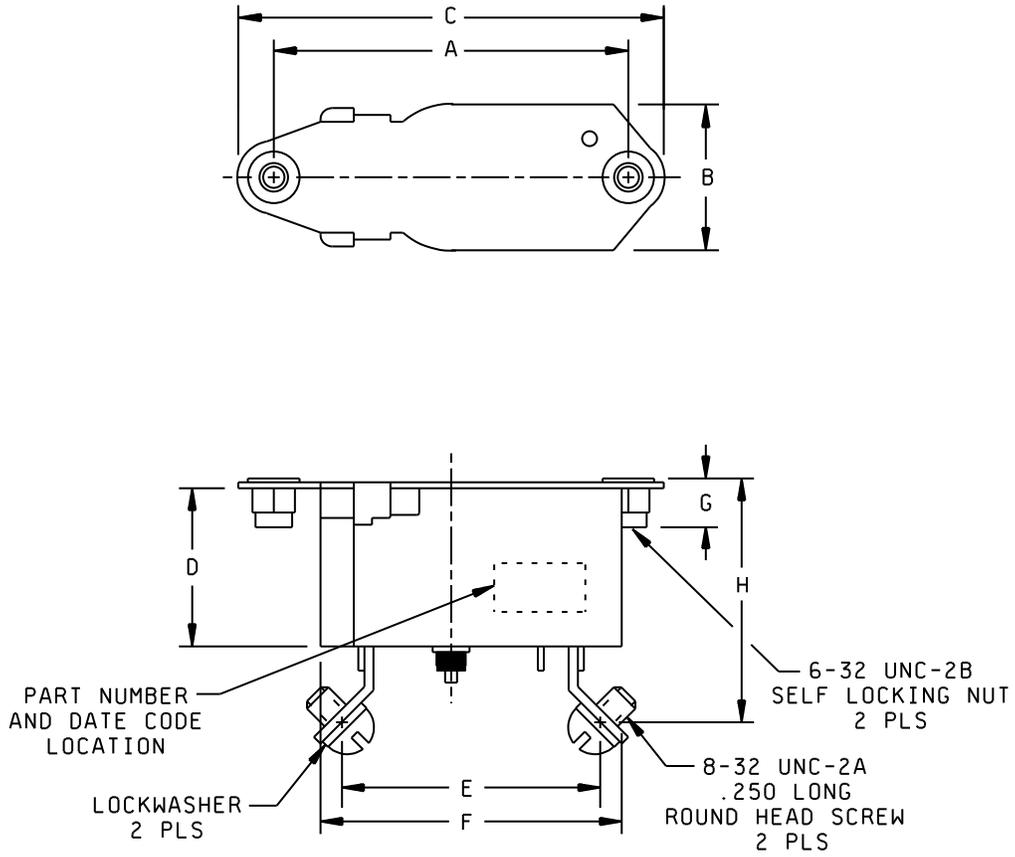
Interface and physical dimensions. Circuit breakers supplied to this CID specification sheet shall be as specified herein (see [figure 1](#)).

Ampere rating. The ampere rating shall be as specified in [table I](#).

Voltage rating. The voltage rating shall be 28 V dc maximum.

Endurance. The minimum expected cycling life shall be 2,000 cycles at 200 percent of rated current.

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AA55571/05-001 (10 ampere rating)

FIGURE 1. Configuration and dimensions.

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Ltr	Inches		mm	
	Min	Max	Min	Max
A	1.781	1.843	45.24	46.81
B	0.729	0.791	18.52	20.09
C	2.151	2.213	54.64	56.21
D	0.782	0.844	19.86	21.44
E	1.203	1.265	30.56	32.10
F	1.539	1.601	39.09	40.67
G	0.219	0.281	5.56	7.14
H	1.203	1.265	30.56	32.13

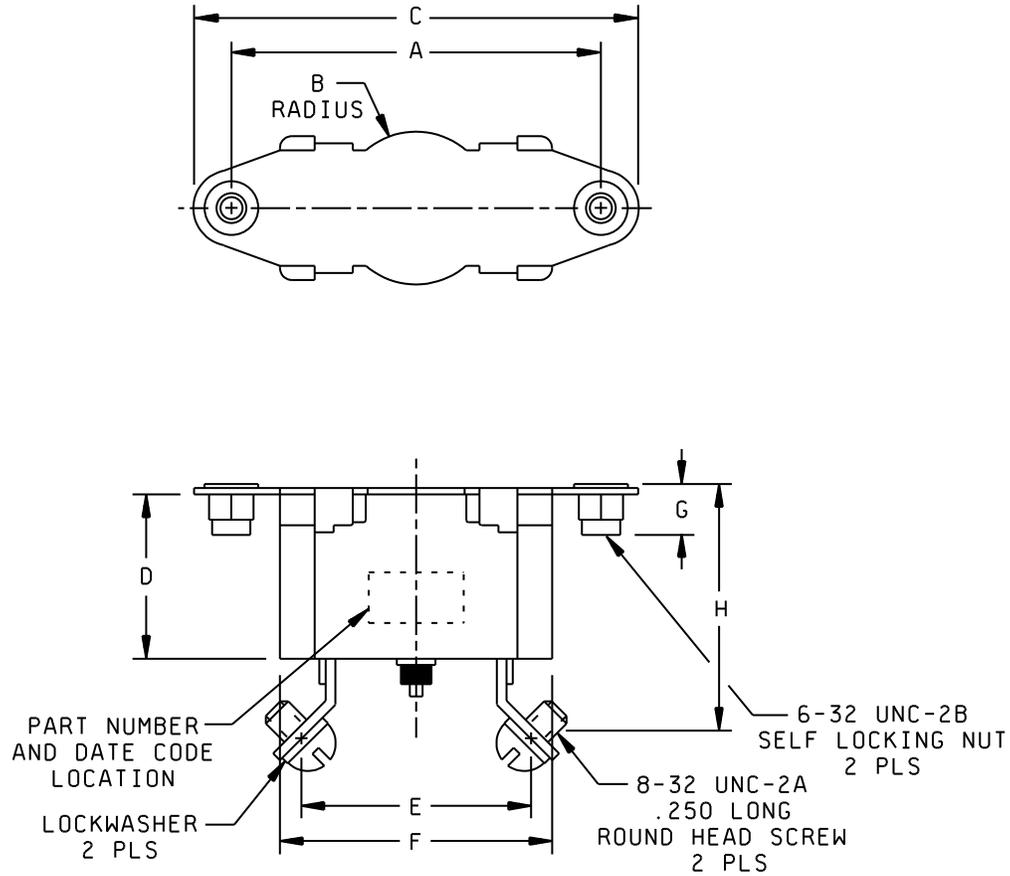
AA55571/05-001 (10 ampere rating)

NOTES:

1. Dimensions are in inches.
2. Tolerance is ± 0.031 inch (0.79 mm), unless otherwise specified.

FIGURE 1. Configuration and dimensions - Continued.

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AA55571/05-002 through -006 (15 ampere through 35 ampere rating)

FIGURE 2. Configuration and dimensions.

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Ltr	Inches		mm	
	Min	Max	Min	Max
A	1.781	1.843	45.24	46.81
B	0.344	0.406	8.74	10.31
C	2.159	2.221	54.84	56.41
D	0.782	0.844	19.86	21.44
E	1.000	1.062	25.40	26.97
F	1.282	1.344	32.56	34.14
G	0.219	0.281	5.56	7.14
H	1.203	1.265	30.56	32.13

AA55571/05-002 through -006 (15 ampere through 35 ampere rating)

NOTES:

1. Dimensions are in inches.
2. Tolerance is ± 0.031 inch (0.79 mm), unless otherwise specified.

FIGURE 2. Configuration and dimensions - Continued.

TABLE I. Characteristics.

CID dash number AA55571/05-	Ampere rating
001	10
002	15
003	20
004	25
005	30
006	35

Speed of operation at 25°C (77°F) at 200 percent rated current. Circuit breakers supplied to this CID specification sheet shall meet the minimum and maximum opening time requirements as specified in table II.

TABLE II. Speed of operation at 77°F (25°C).

200 percent of rated current	Opening time in seconds		
	Ampere rating	Minimum	Maximum
	10 A and below	20	150
over 10 A	8	50	

NOTES.

PIN. The PIN should be used for Government purposes to buy commercial products to this CID specification sheet. See classification information for PIN format example.

Commercial products. As part of the market analysis and research effort, this CID specification sheet was coordinated with the following manufacturers of commercial products. At the time of CID specification sheet preparation and coordination, these manufacturers were known to have commercial products that would meet the requirements of this CID specification sheet. (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

82647

MFR's name and address

Sensata Technologies, Incorporated
 529 Pleasant Street
 Attleboro, MA 02703-2421
 Phone number (508) 236-3800
 Facsimile number (508) 236-1598
 E-mail: klixon@sensata.com
 Uniform Resource Locator (URL): <http://www.sensata.com>

Part number (P/N) supersession data. These CID specification sheet 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 III. P/N supersession data.

CID dash number (see table I) AA55571/05-	MFR's CAGE	MFR's P/N ^{1/}
001	82647	PSA-10
002	82647	PSA-15
003	82647	PSA-20
004	82647	PSA-25
005	82647	PSA-30
006	82647	PSA-35

^{1/} The manufacturer's P/N shall not be used for acquisition to the requirements of this CID specification sheet. At the time of preparation of this CID specification sheet, the aforementioned commercial products were reviewed and could be replaced by the CID P/N shown. For actual part marking requirements, see the marking paragraph of [A-A-55571](#).

National stock number (NSN). The following is a list of NSN's assigned which correspond to this CID specification sheet. The list is for information only and may not be indicative of all possible NSN's associated with the CID specification sheet. For up to date information on assigned NSN's, please contact the aforementioned DLA Land and Maritime office listed in [A-A-55571](#).

TABLE IV. NSN's.

Dash number (see table I) AA55571/05-	NSN
001	5925-00-549-8937
002	5925-00-929-7718
003	5925-00-929-7719
004	5925-01-373-1034
005	5925-01-417-5088
006	N/A

Changes from previous issue. Marginal notations 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 5925-2014-016

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>.