

INCH-POUND

W-C-375/17D
5 May 2025
SUPERSEDING
W-C-375/17C
12 June 2009

FEDERAL SPECIFICATION SHEET

CIRCUIT BREAKERS, MOLDED CASE, BRANCH CIRCUIT AND SERVICE, TYPE I, SERIES TRIP, TWO POLE (10 THROUGH 100 AMPERES)

The General Services Administration has authorized the use of this federal specification sheet by all federal agencies.

The complete requirements for procuring circuit breakers described herein shall consist of this document and [W-C-375](#).

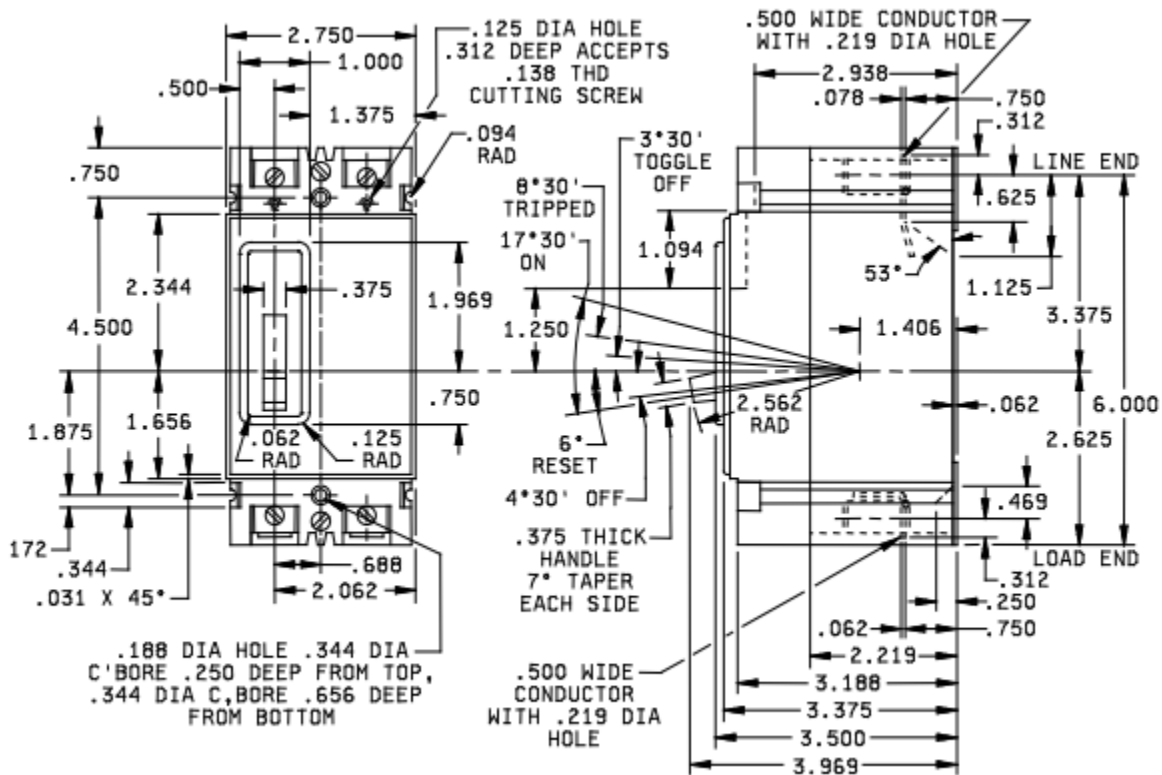


FIGURE 1. Interface and physical dimensions.



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Inches	mm	Inches	mm	Inches	mm	Inches	mm
.031	0.79	.344	8.74	1.125	28.58	2.562	65.07
.062	1.57	.375	9.53	1.250	31.75	2.625	66.68
.078	1.98	.469	11.91	1.375	34.93	2.750	69.85
.094	2.39	.500	12.70	1.406	35.71	2.938	74.63
.125	3.18	.625	15.88	1.656	42.06	3.188	80.98
.138	3.51	.656	16.66	1.875	47.63	3.375	85.73
.172	4.37	.688	17.48	1.969	50.01	3.500	88.90
.188	4.78	.750	19.05	2.062	52.37	3.969	100.81
.219	5.56	1.000	25.40	2.219	56.36	4.500	114.30
.250	6.35	1.094	27.79	2.344	59.54	6.000	152.40
.312	7.92						

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Tolerance is ± 0.01 (0.25 mm) for two-place decimals and ± 0.005 (0.13 mm) for three-place decimals.
4. Line and load terminals shall accept and be suitable for no. 14 through no. 1/0 copper (CU) or aluminum (AL) wire.

FIGURE 1. Interface and physical dimensions - Continued.

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REQUIREMENTS:

Interface and physical dimensions: See [figure 1](#).

Trip indication: See [figure 1](#).

Common trip: All poles shall make and break simultaneously when operated manually or automatically.

Electrical:

Interrupting current rating: RMS symmetrical.

18,000 amperes at 240 V ac.

14,000 amperes at 277 V ac.

14,000 amperes at 480 V ac.

Voltage rating: 480 V ac maximum.

Trip current: See [table I](#).

Frequency: 60 hertz.

Calibration: At +40°C.

Enclosure for overload, endurance, and short circuit tests: Cutler-Hammer SFDN100, or equivalent.

Qualification inspection is not applicable and replaced with first article inspection per Table IV of [W-C-375](#).

Supersession and cross reference: See [table II](#).

TABLE I. Part or Identifying Numbers (PINs) and current rating.

Government PIN	Current rating
WC375/17-001 <u>1/</u>	10
WC375/17-002	15
WC375/17-003	20
WC375/17-004	25
WC375/17-005	30
WC375/17-006	35
WC375/17-007	40
WC375/17-008	50
WC375/17-009	60
WC375/17-010	70
WC375/17-011	90
WC375/17-012	100

1/ Not for new design.

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TABLE II. Supersession and cross reference.

Government PIN	Superseded number			
	CAGE		79500	
WC375/17-001	EHB2010L	EHB2010	EHD2010L	EHD2010
WC375/17-002	EHB2015L	EHB2015	EHD2015L	EHD2015
WC375/17-003	EHB2020L	EHB2020	EHD2020L	EHD2020
WC375/17-004	EHB2025L	EHB2025	EHD2025L	EHD2025
WC375/17-005	EHB2030L	EHB2030	EHD2030L	EHD2030
WC375/17-006	EHB2035L	EHB2035	EHD2035L	EHD2035
WC375/17-007	EHB2040L	EHB2040	EHD2040L	EHD2040
WC375/17-008	EHB2050L	EHB2050	EHD2050L	EHD2050
WC375/17-009	EHB2060L	EHB2060	EHD2060L	EHD2060
WC375/17-010	EHB2070L	EHB2070	EHD2070L	EHD2070
WC375/17-011	EHB2090L	EHB2090	EHD2090L	EHD2090
WC375/17-012	EHB2100L	EHB2100	EHD2100L	EHD2100

Reference documents. This specification sheet only references [W-C-375](#).

Changes from previous issue. The margins of this specification sheet are marked with vertical lines to indicate where modifications from this revision 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.

MILITARY INTERESTS:

Custodians:

Navy - YD
Air Force - 85
DLA - CC

Review activities:

Navy - MC

CIVIL AGENCY COORDINATING ACTIVITIES:

GSA - FSS

Preparing activity:

DLA - CC

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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/>