

INCH-POUND

W-C-375/5B
04 August 2004
SUPERSEDING
W-C-375/5A
29 January 1991

FEDERAL SPECIFICATION SHEET

CIRCUIT BREAKERS, MOLDED CASE, BRANCH CIRCUIT
AND SERVICE, TYPE I, SERIES TRIP, SINGLE POLE
(15 THROUGH 50 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 the latest issue in effect of W-C-375.

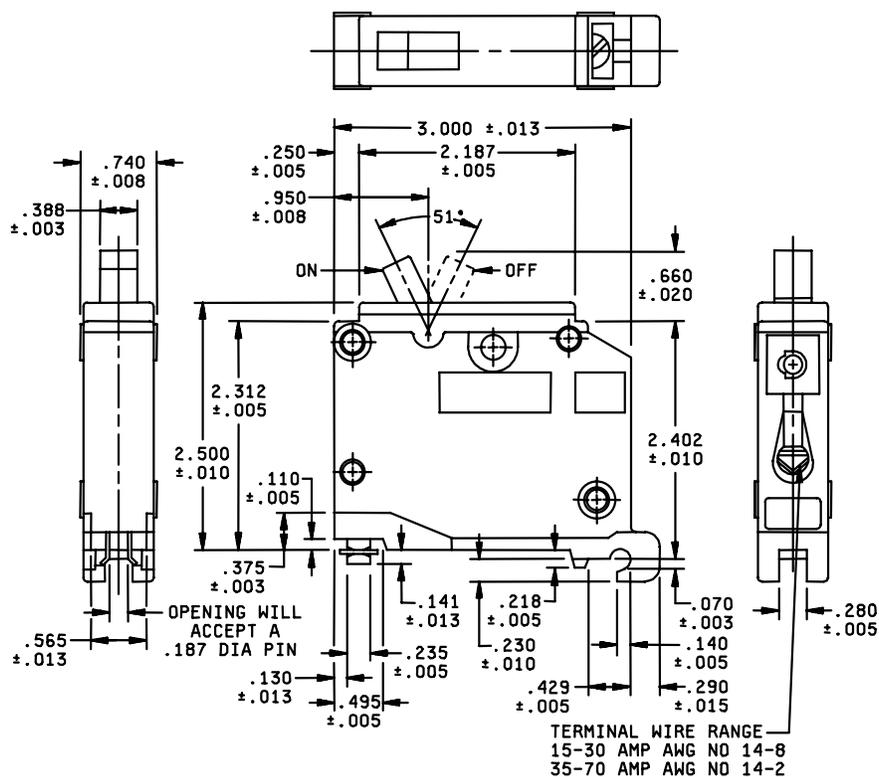


FIGURE 1. Outline drawing.

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Inches	mm	Inches	mm	Inches	mm	Inches	mm
.003	0.08	.110	2.79	.280	7.11	.740	18.80
.005	0.13	.130	3.30	.290	7.37	.950	24.13
.008	0.20	.140	3.56	.375	9.53	2.187	55.55
.010	0.25	.141	3.58	.388	9.86	2.312	58.72
.013	0.33	.218	5.54	.429	10.90	2.402	61.01
.015	0.38	.230	5.84	.495	12.57	2.500	63.50
.020	0.51	.235	5.97	.565	14.35	3.000	76.20
.070	1.78	.250	6.35	.660	16.76		

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Unless otherwise specified, tolerances are ± 0.01 (0.25 mm) for two-place decimals and ± 0.005 (0.13 mm) for three-place decimals and $\pm 1^\circ$ on angles.
4. Load terminals shall be suitable for copper (CU) and aluminum (AL) wire.

FIGURE 1. Outline drawing - Continued.

REQUIREMENTS:

Interface and physical dimensions: See figure 1.

Trip indication: See figure 1.

Electrical:

Interrupting current rating: 10,000 amperes.

Voltage rating: 120/240 V ac.

Trip current: See table I.

Frequency: 60 hertz.

Calibration: At +40°C

Enclosure for overload, endurance, and short circuit tests: Cutler Hammer Catalog No. CH2L70FP, or equivalent.

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

Government part number	Current rating
WC375/05-001	15
WC375/05-002	20
WC375/05-003	25
WC375/05-004	30
WC375/05-005	40
WC375/05-006	50
WC375/05-007	35
WC375/05-008	45

TABLE II. Supersession and cross-reference.

Government part number ^{1/}	Superseded CAGE number 27191
WC375/05-001	CH115
WC375/05-002	120
WC375/05-003	125
WC375/05-004	130
WC375/05-005	140
WC375/05-006	150
WC375/05-007	135
WC375/05-008	145

^{1/} Replaces CH type with sandalwood handles (5,000 AIC) and red handles (10,000 AIC)

* The margins of this specification are marked with asterisks 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 - YD
Air Force - 11
DLA - CC

Review Activities:

Navy - MC, OS, SH
Air Force - 99

CIVIL AGENCY COORDINATING ACTIVITIES:

DC GOVT - DCG
DOI - GES
DOJ - FPI
DOT - ACO
GSA - FSS
HHS - NPPTL
HUD - HSRs
VA - OSS

Preparing activity:
DLA - CC

(Project 5925-0347)

* 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://www.dodssp.daps.mil>.