

INCH-POUND

W-C-375/6C
04 August 2004
SUPERSEDING
W-C-375/6B
13 December 1991

FEDERAL SPECIFICATION SHEET

CIRCUIT BREAKERS, MOLDED CASE, BRANCH CIRCUIT
AND SERVICE, TYPE I, SERIES TRIP, TWO POLE
(15 THROUGH 125 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.

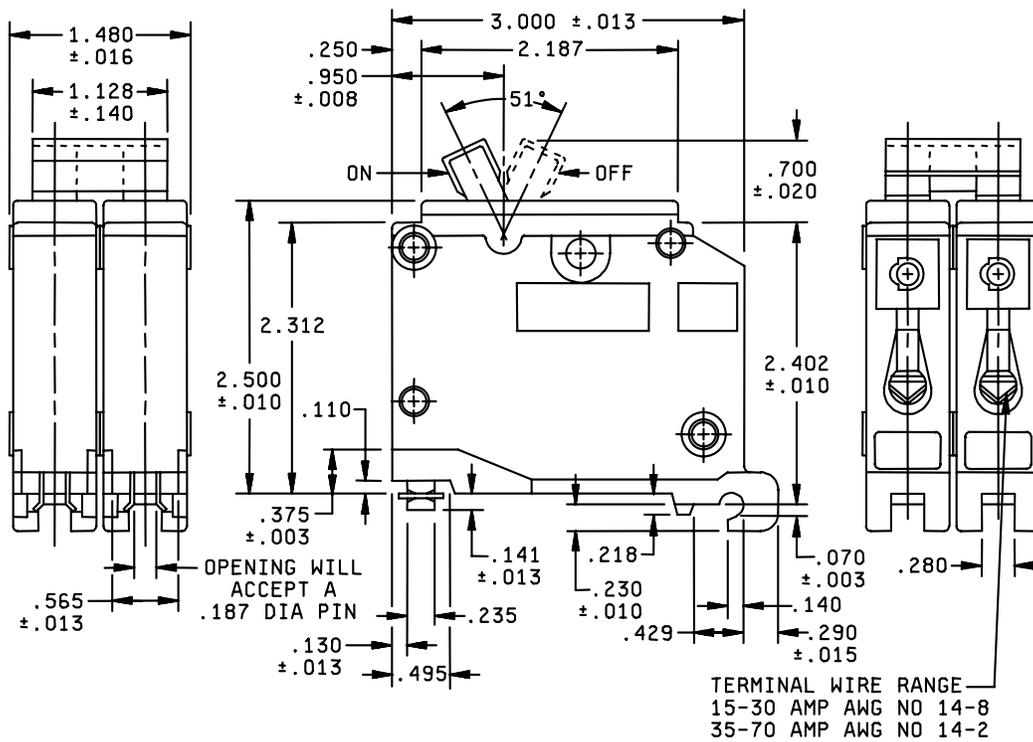
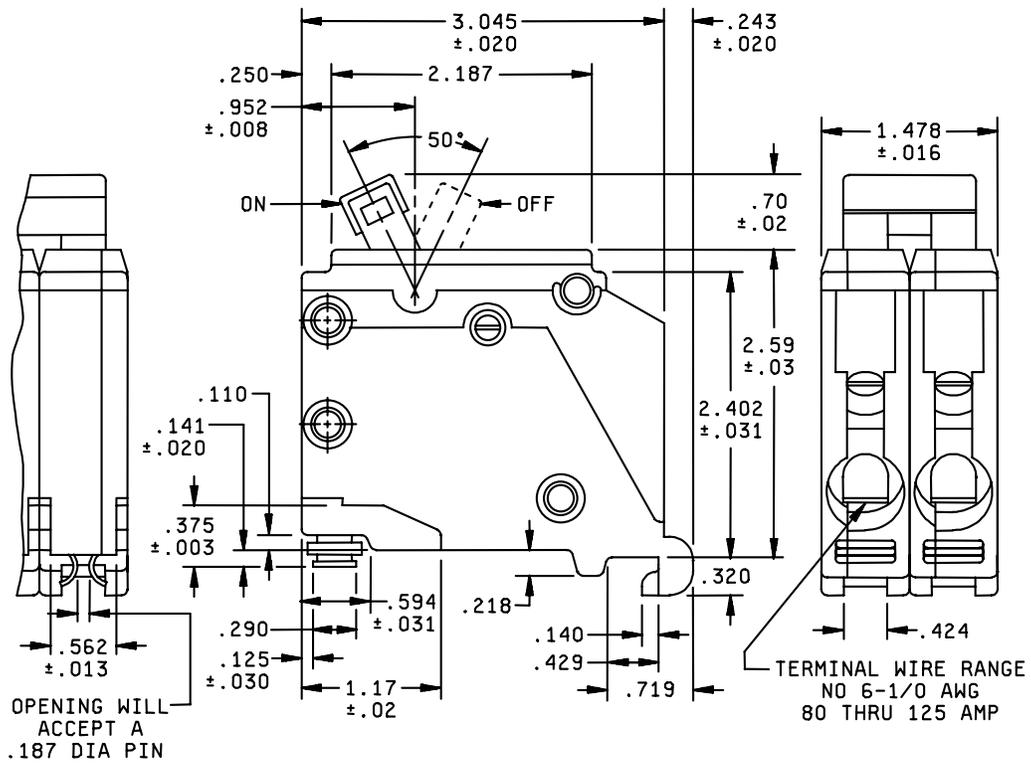


FIGURE 1. Outline drawing (15 through 70 amperes).

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Inches	mm	Inches	mm	Inches	mm	Inches	mm	Inches	mm
.003	.08	.031	.79	.235	5.97	.562	14.27	1.478	37.54
.008	.20	.070	1.78	.243	6.17	.565	14.35	1.480	37.59
.010	.25	.110	2.79	.250	6.35	.594	15.09	2.187	55.55
.013	.33	.125	3.18	.280	7.11	.70	17.8	2.312	58.72
.015	.38	.130	3.30	.290	7.37	.700	17.78	2.402	61.01
.016	.41	.140	3.56	.320	8.13	.719	18.26	2.500	63.50
.02	.5	.141	3.58	.375	9.52	.950	24.13	2.59	65.8
.020	.51	.187	4.75	.424	10.77	.952	24.18	3.000	76.20
.03	.8	.218	5.54	.429	10.90	1.17	29.7	3.045	77.34
.030	.76	.230	5.84	.495	12.57	1.128	28.65		

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 (80 through 125 amperes) - Continued.

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REQUIREMENTS:

- * Interface and physical dimensions: See figure 1 and 2.
 - Trip indication: See figure 1 and 2.
 - Common trip: All poles shall make and break simultaneously when operated manually or automatically.

Electrical:

- Interrupting current rating: 10,000 amperes.
- Voltage rating: 120/240 V ac.
- Current rating: See table I.
- Frequency: 60 hertz.
- Calibration: At +40°C, ±3°C

- * Enclosure for overload, endurance, and short circuit tests: Cutler Hammer catalog number CH2L70FP (15-70 amperes) and CH2L125FP (80-125 amperes).

Supersession and cross reference: See table II.

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

Government PIN	Current rating	Commercial superseded PIN CAGE 56365
WC375/06-001	15	See figure 1
WC375/06-002	20	See figure 1
WC375/06-003	25	See figure 1
WC375/06-004	30	See figure 1
WC375/06-005	40	See figure 1
WC375/06-006	50	See figure 1
WC375/06-007	60	See figure 1
WC375/06-008	70	See figure 1
WC375/06-009	80	See figure 2
WC375/06-010	90	See figure 2
WC375/06-011	100	See figure 2
WC375/06-012	125	See figure 2
WC375/06-013	35	See figure 1
WC375/06-014	45	See figure 1

TABLE II. Supersession and cross reference.

Government PIN 1/	Commercial superseded PIN CAGE 27191
WC365/06-001	CH215
WC365/06-002	220
WC365/06-003	225
WC365/06-004	230
WC365/06-005	240
WC365/06-006	250
WC365/06-007	260
WC365/06-008	270
WC365/06-009	280
WC365/06-010	290
WC365/06-011	2100
WC365/06-012	2125
WC365/06-013	235
WC365/06-014	245

1/ Replace 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 ACTIVITY:

GSA - FSS

Preparing activity:
DLA - CC

(Project 5925-0348)

* 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>.