

INCH-POUND

W-C-375/7C
04 August 2004
SUPERSEDING
W-C-375/7B
13 December 1991

FEDERAL SPECIFICATION SHEET

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

W-C-375/7C is inactive for new design and is no longer used, except for replacement purposes.

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.

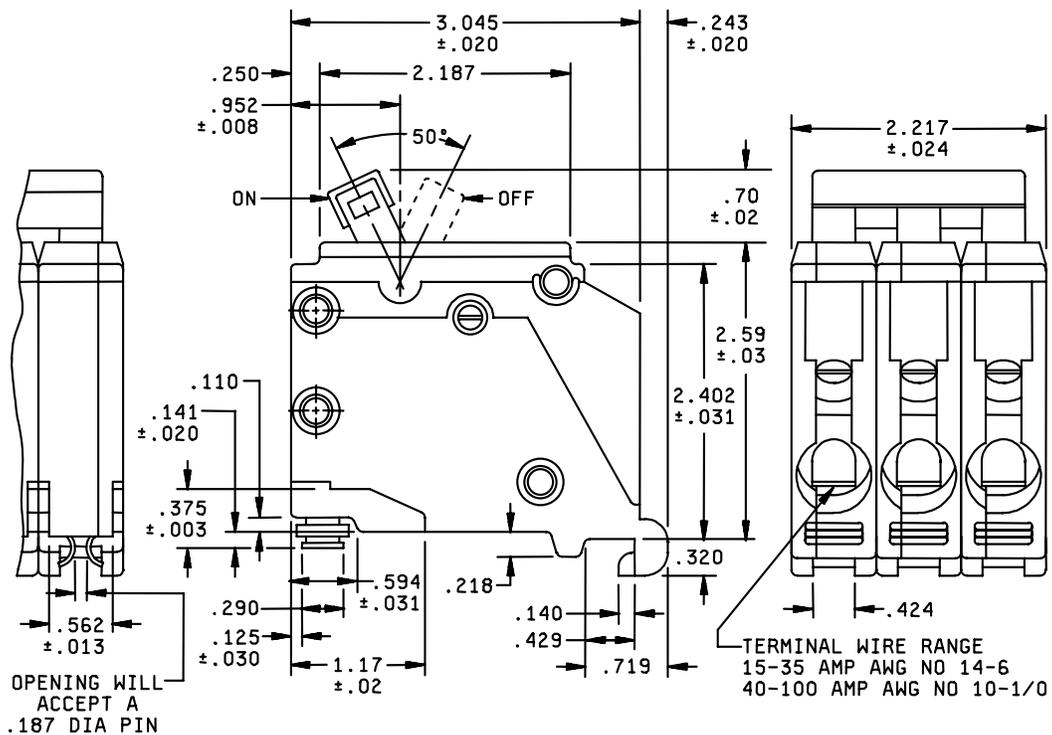


FIGURE 1. Outline drawing.

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Inches	mm	Inches	mm	Inches	mm
.003	.08	.141	3.58	.70	17.8
.008	.20	.187	4.75	.719	18.26
.013	.33	.218	5.54	.952	24.18
.02	.5	.243	6.17	1.17	29.7
.020	.51	.250	6.35	2.187	55.55
.024	.61	.290	7.37	2.217	56.31
.03	.8	.320	8.13	2.402	61.01
.030	.76	.375	9.52	2.59	65.8
.031	.79	.424	10.77	3.045	77.34
.110	2.79	.429	10.90		
.125	3.18	.562	14.27		
.140	3.55	.594	15.09		

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.

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FIGURE 1. Outline drawing - 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: 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 CH2L125FP or equivalent.
- Supersession and cross reference: See table II.

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

Government PIN	Current rating	Figure number
WC375/07-001	15	See figure 1
WC375/07-002	20	See figure 1
WC375/07-003	25	See figure 1
WC375/07-004	30	See figure 1
WC375/07-005	40	See figure 1
WC375/07-006	50	See figure 1
WC375/07-007	60	See figure 1
WC375/07-008	70	See figure 1
WC375/07-009	90	See figure 1
WC375/07-010	100	See figure 1
WC375/07-011	35	See figure 1
WC375/07-012	45	See figure 1
WC375/07-013	80	See figure 1

TABLE II. Supersession and cross reference.

Government PIN 1/	Commercial superseded PIN CAGE 27191
WC365/07-001	CH315
WC365/07-002	320
WC365/07-003	325
WC365/07-004	330
WC365/07-005	340
WC365/07-006	350
WC365/07-007	360
WC365/07-008	370
WC365/07-009	3090
WC365/07-010	3100
WC365/07-011	335
WC365/07-012	345
WC365/07-013	380

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 5925-0349)

* 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>.