

INCH-POUND

W-C-375/2C

14 May 2009

SUPERSEDING

W-C-375/2B

04 August 2004

FEDERAL SPECIFICATION SHEET

CIRCUIT BREAKERS, MOLDED CASE, BRANCH CIRCUIT
AND SERVICE, TYPE I, SERIES TRIP, TWO POLE
(10 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](#).

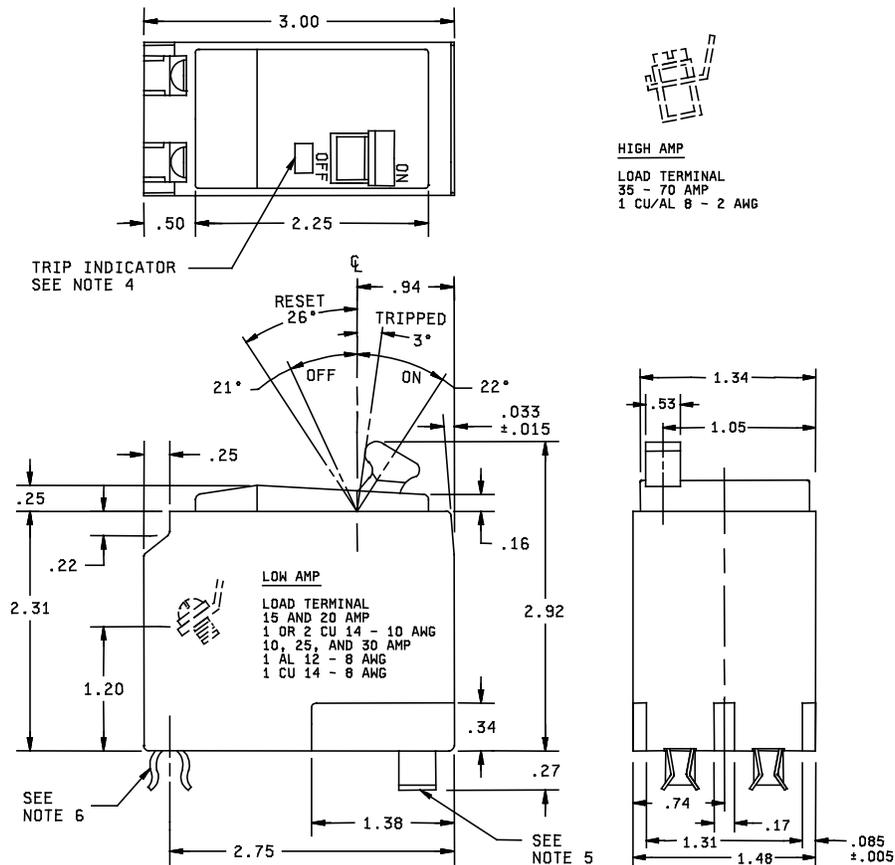
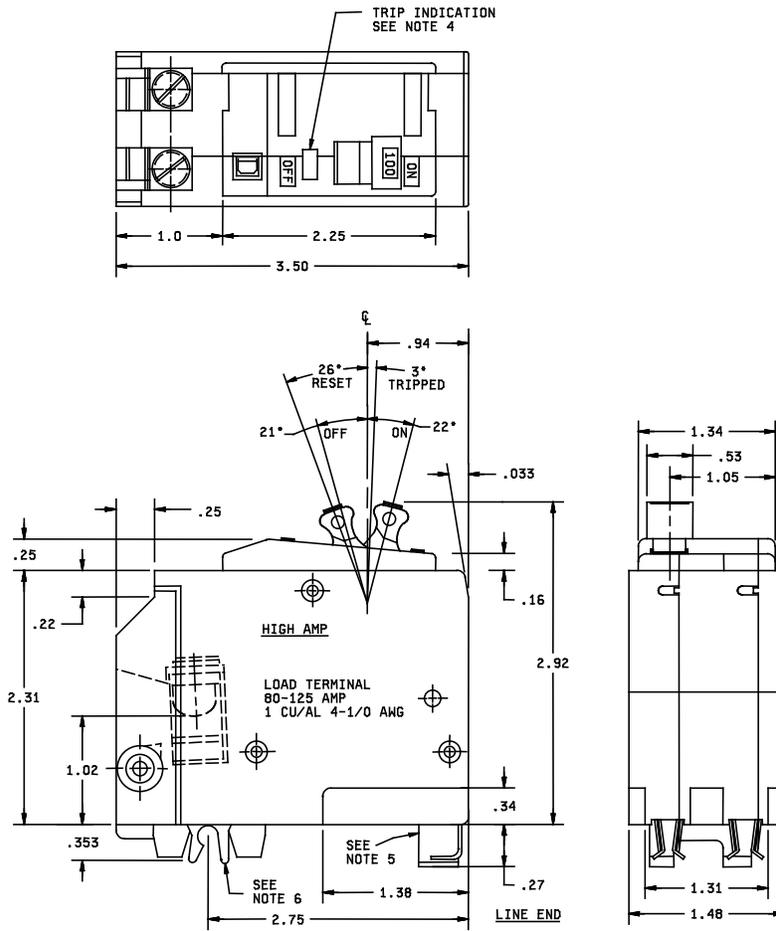


FIGURE 1. Interface and physical dimensions (10 through 70 amperes).

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Inches	mm	Inches	mm	Inches	mm	Inches	mm
.005	0.13	.22	5.59	.74	18.80	1.38	35.05
.015	0.38	.25	6.35	.94	23.88	1.48	37.59
.033	0.84	.27	6.86	1.00	25.40	2.25	57.15
.085	2.16	.34	8.64	1.02	25.91	2.31	58.67
.16	4.06	.353	8.97	1.05	26.67	2.75	69.85
.17	4.32	.50	12.70	1.20	30.48	2.92	74.17
		.53	13.46	1.31	33.27	3.00	76.20
				1.34	34.04	3.50	88.90

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. Red luminescent trip indicator - visible only when breaker is tripped automatically. Window is dark when breaker is in ON or OFF position.
5. Line terminals shall grip a .250 (6.35 mm) wide and .125 (3.18 mm) thick buss bar.
6. Mounting clip shall grip a .250 (6.35 mm) diameter rail.

FIGURE 1. Interface and physical dimensions (80 through 125 amperes) - Continued.

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REQUIREMENTS:

Interface and physical dimensions: See figure 1.

Trip indication: See figure 1.

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

Electrical:

Interrupting current rating: RMS symmetrical; 10,000 amperes.

Voltage rating: 120/240 V ac.

Trip current: See table I.

Frequency: 60 hertz.

Calibration: At +25°C, ±3°C

Enclosure for overload, endurance, and short circuit tests: Square D load center Catalog No. QO2L30S used for 10 through 30 ampere breakers, QO24L70F/S used for 35 through 70 ampere breakers, QO2100BNF/S used for 80 through 100 ampere breakers, and the QO2125BNF/S used for the 110 and 125 ampere breakers, or equivalent.

Supersession and cross reference: See table I.

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

Government PIN	Current rating	Commercial superseded PIN CAGE 56365
WC375/02-001	15	QO-215
WC375/02-002	20	QO-220
WC375/02-003	25	QO-225
WC375/02-004	30	QO-230
WC375/02-005	35	QO-235
WC375/02-006	40	QO-240
WC375/02-007	45	QO-245
WC375/02-008	50	QO-250
WC375/02-009	60	QO-260
WC375/02-010	70	QO-270
WC375/02-011	80	QO-280
WC375/02-012	90	QO-290
WC375/02-013	100	QO-2100
WC375/02-014	110	QO-2110
WC375/02-015	125	QO-2125
WC375/02-016	10	QO-210

The margins of this specification sheet 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 - YD
Air Force - 85
DLA - CC

Review Activities:

Navy - MC, OS
Air Force - 99

CIVIL AGENCY COORDINATING ACTIVITY:

GSA - FSS

Preparing activity:

DLA - CC

(Project 5925-2009-016)

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 <http://assist.daps.dla.mil>.