

INCH-POUND

W-C-375/15A
04 August 2004
SUPERSEDING
W-C-375/15
July 22, 1975

FEDERAL SPECIFICATION SHEET

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

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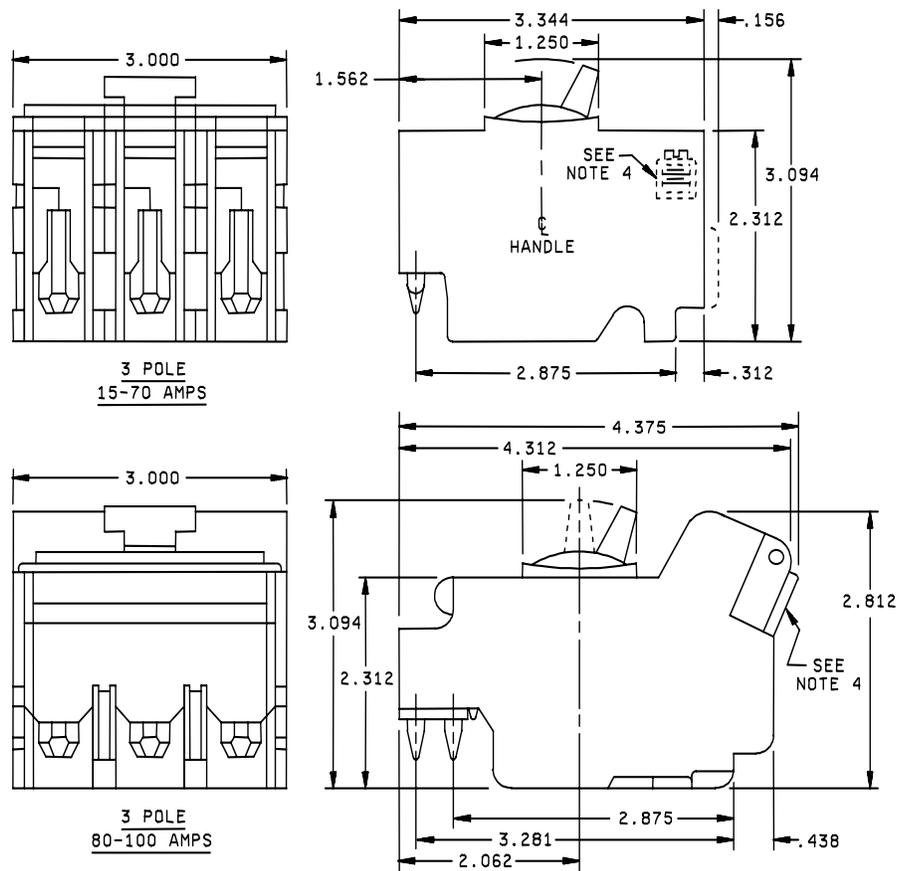


FIGURE 1.

* AMSC N/A

FSC 5925

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Inches	mm	Inches	mm
.156	3.96	2.812	71.42
.312	7.92	2.875	73.03
.438	11.13	3.000	76.20
1.250	31.75	3.094	78.59
1.562	39.67	3.281	83.34
2.062	52.37	3.344	84.94
2.312	58.72		

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. Lug sizes 15 thru 50A #14 thru #4, 60 thru 70A #4 thru #2, 80 thru 100A #4 thru 1/0; terminals shall be suitable for aluminum (AL) or copper (CU) wire.

FIGURE 1. - Continued.

REQUIREMENTS:

- * Interface and physical dimensions: See figure.

Trip indication: See figure.

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

Electrical:

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

Voltage rating: 240 V ac or less.

Trip current - See table I.

Frequency: 60 hertz.

Calibration: At +40°C.

Enclosure for overload, endurance, and short circuit tests - Federal Pacific Electric, Catalog No. 312-24, or equivalent.

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

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

TABLE II. Supersession and cross reference.

Government part number	Superseded number		Will replace number		
	FSCM 21810				
WC375/15-001	3P15	NA3P15	3P15H	NA3P15H	NAH15H
WC375/15-002	3P20	NA3P20	3P20H	NA3P20H	NAH20H
WC375/15-003	3P25	NA3P25	3P25H	NA3P25H	NAH25H
WC375/15-004	3P30	NA3P30	3P30H	NA3P30H	NAH30H
WC375/15-005	3P35	NA3P35	3P35H	NA3P35H	NAH35H
WC375/15-006	3P40	NA3P40	3P40H	NA3P40H	NAH40H
WC375/15-007	3P45	NA3P45	3P45H	NA3P45H	NAH45H
WC375/15-008	3P50	NA3P50	3P50H	NA3P50H	NAH50H
WC375/15-009	3P60	NA3P60	3P60H	NA3P60H	NAH60H
WC375/15-010	3P70	NA3P70	3P70H	NA3P70H	NAH70H
WC375/15-011	3P80	NA3P80	3P80H	NA3P80H	NAH80H
WC375/15-012	3P90	NA3P90	3P90H	NA3P90H	NAH90H
WC375/15-013	3P100	NA3P200	3P100H	NA3P100H	NAH100H

* 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
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 5925-0355)

* 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>.