

INCH-POUND

W-C-375/19B  
04 August 2004  
SUPERSEDING  
W-C-375/19A  
November 18, 1981

FEDERAL SPECIFICATION SHEET

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

W-C-375/19B 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.

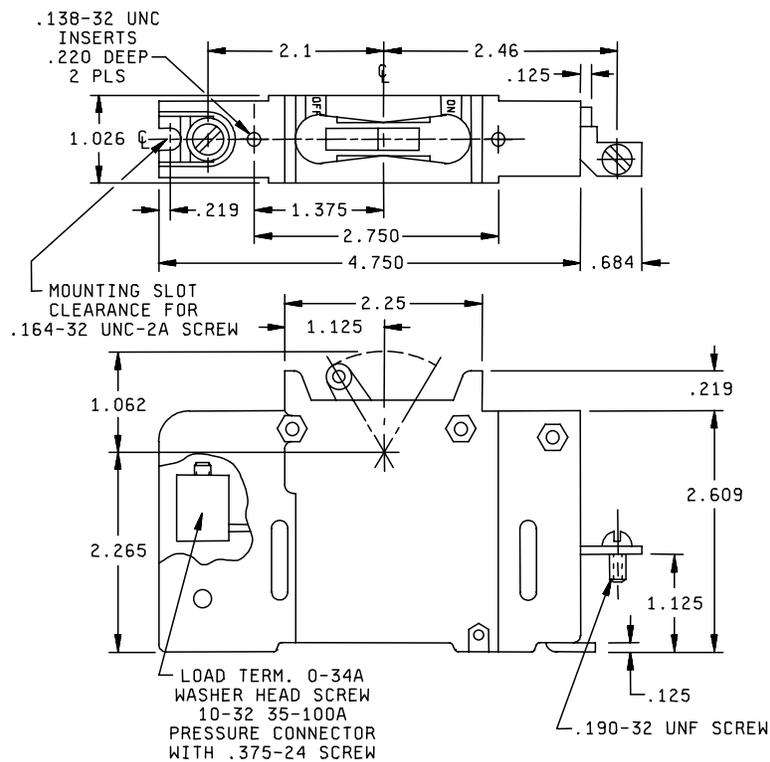


FIGURE. Dimensions and configuration of single pole circuit breaker.

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| Inches | mm    | Inches | mm     |
|--------|-------|--------|--------|
| .125   | 3.18  | 1.062  | 26.97  |
| .138   | 3.51  | 1.125  | 28.58  |
| .164   | 4.17  | 1.375  | 34.93  |
| .190   | 4.83  | 2.1    | 53.34  |
| .218   | 5.54  | 2.25   | 57.15  |
| .219   | 5.56  | 2.265  | 57.53  |
| .220   | 5.59  | 2.46   | 62.48  |
| .375   | 9.53  | 2.609  | 66.27  |
| .684   | 17.37 | 2.750  | 69.85  |
|        |       | 4.750  | 120.65 |

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
- \* 3. Tolerance is  $\pm 0.01$  (0.25 mm) for two-place decimals and  $\pm 0.005$  (0.13 mm) for three-place decimals.
4. OFF position is also tripped position.

FIGURE 1. Dimensions and configuration of single pole circuit breaker - Continued.

REQUIREMENTS:

- \* Interface and physical dimensions: See figure 1.

Trip indication: See figure 1.

Electrical:

Interrupting current rating: 5,000 amperes.

Voltage rating: 120 V ac.

Current rating - See table I.

Frequency: 60 hertz.

Calibration: At +25°C.

- \* Enclosure for overload, endurance, and short circuit tests - Cutler-Hammer loadcenter, or equivalent.

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

| Government PIN | Current rating |
|----------------|----------------|
| WC375/19-001   | 10             |
| WC375/19-002   | 15             |
| WC375/19-003   | 20             |
| WC375/19-004   | 25             |
| WC375/19-005   | 30             |
| WC375/19-006   | 35             |
| WC375/19-007   | 40             |
| WC375/19-008   | 50             |
| WC375/19-009   | 60             |
| WC375/19-010   | 70             |
| WC375/19-011   | 100            |

TABLE II. Supersession and cross reference.

| Government part number | Superseded FSCM 74193 |                   |
|------------------------|-----------------------|-------------------|
| WC375/19-001           | X0411-10-120-60-9     | 0411-10-120-60-9  |
| WC375/19-002           | X0411-15-120-60-9     | 0411-15-120-60-9  |
| WC375/19-003           | X0411-20-120-60-9     | 0411-20-120-60-9  |
| WC375/19-004           | X0411-25-120-60-9     | 0411-25-120-60-9  |
| WC375/19-005           | X0411-30-120-60-9     | 0411-30-120-60-9  |
| WC375/19-006           | X0411-35-120-60-9     | 0411-35-120-60-9  |
| WC375/19-007           | X0411-40-120-60-9     | 0411-40-120-60-9  |
| WC375/19-008           | X0411-50-120-60-9     | 0411-50-120-60-9  |
| WC375/19-009           | X0411-60-120-60-9     | 0411-60-120-60-9  |
| WC375/19-010           | X0411-70-120-60-9     | 0411-70-120-60-9  |
| WC375/19-011           | X0411-100-120-60-9    | 0411-100-120-60-9 |

\* 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 5925-0359)

\* 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>.