

INCH-POUND

MIL-PRF-8805/29C

23 July 2019

SUPERSEDING

MIL-S-8805/29B

31 October 2001

PERFORMANCE SPECIFICATION SHEET

SWITCHES, SENSITIVE, SPDT, MOMENTARY,
DOUBLE BREAK, 10 AMPERES, UNSEALED

INACTIVE FOR NEW DESIGN AFTER 19 JUNE 1992

This specification is approved for use by all Departments and Agencies of the Department of Defense.

The complete requirements for acquiring the switches described herein shall consist of this specification and the latest issue of [MIL-PRF-8805](#).

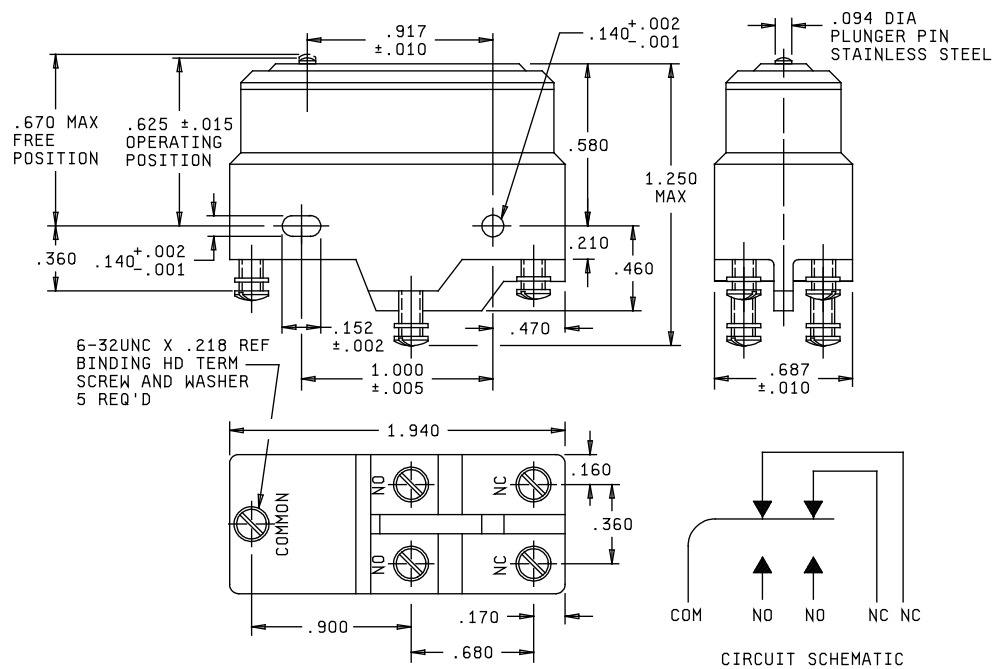


FIGURE 1. Dimensions and configuration.



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inches	mm	inches	mm	inches	mm	Inches	mm
.001	0.03	.140	3.56	.460	11.68	.687	17.45
.002	0.05	.152	3.86	.470	11.94	.900	22.86
.005	0.13	.160	4.06	.580	14.73	.917	23.29
.010	0.25	.170	4.32	.625	15.88	1.000	25.40
.015	0.38	.210	5.33	.670	17.02	1.250	31.75
.094	2.39	.360	9.14	.680	17.27	1.940	49.50

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Unless otherwise specified, tolerance is $\pm .015$ (0.38 mm).
4. Exact shape of switch optional provided dimensions specified are not exceeded.

FIGURE 1. Dimensions and configuration - Continued.

REQUIREMENTS:

Dimensions and configuration: See figure 1.

Enclosure design: 1 (unsealed).

Temperature characteristic: 1 (-55° to +85°C).

Shock type: M (100 g).

Vibration grade: 10 to 55 Hz, [MIL-STD-202-201](#).

Weight: 1.50 ounce maximum.

Operating characteristics:

Actuating force: 16 to 26 ounces.

Pretravel: .030 inch maximum.

Movement differential: .004 inch maximum.

Overtravel: .005 inch minimum.

Strength of actuating means: 25 pounds.

Terminal strength: 30 pounds

Contact resistance: Not applicable.

Mechanical endurance: 50,000 cycles.

Electrical endurance: 25,000 cycles.

Electrical ratings: See table I.

Group B inspection: Not applicable.

TABLE I. Electrical ratings.

Load	Sea level		50,000 feet
	28 V dc amperes	115 V ac, 400 Hz amperes	28 V dc amperes
Resistive	10	10	10
Inductive	3	10	3
Motor	3	2.5	3

Part or Identifying Number (PIN): MS25383-1

Changes from previous issue. The margins of this specification 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 previous issue.

Referenced documents:

[MIL-PRF-8805](#)
[MIL-STD-202-201](#)

Custodians:

Army - CR
 Navy - EC
 Air Force - 85
 DLA - CC

Preparing activity:
 DLA - CC

(Project 5930-2019-004)

Review activities:

Army - AR
 Navy - MC, SH
 Air Force - 19

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 <https://assist.dla.mil/>.