

INCH-POUND

MIL-S-8805/29B
31 October 2001
SUPERSEDING
MIL-S-8805/29A
19 June 1992

MILITARY SPECIFICATION SHEET

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

INACTIVE FOR NEW DESIGN AFTER 19 JUNE 1992

This specification forms a part of MIL-PRF-8805, dated 23 January 1998, and is approved for use by all Departments and Agencies of the Department of Defense.

The requirements for acquiring the product described herein shall consist of this specification and MIL-PRF-8805.

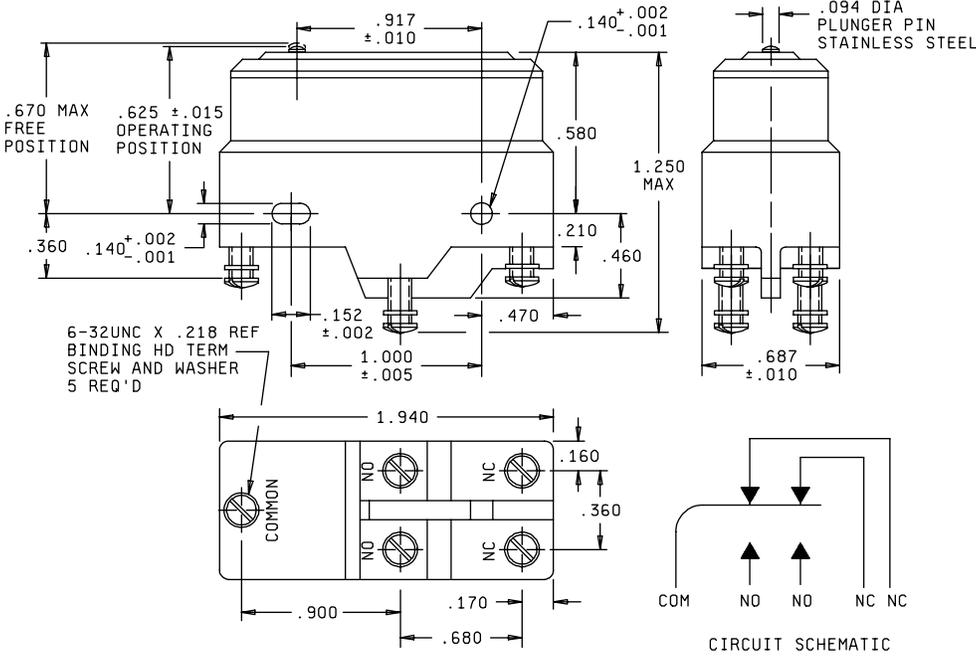


FIGURE 1. Dimensions and configuration.

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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.

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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, method 201, MIL-STD-202.

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.

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TABLE I. Electrical ratings.

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

Part or Identifying Number (PIN): MS25383-1

Custodians:
Army - CR
Navy - EC
Air Force - 11
DLA - CC

Preparing activity:
DLA - CC

(Project 5930-1126-11)

Review activities:
Army - AR
Navy - MC, SH
Air Force - 19