

MILITARY SPECIFICATION SHEET

SWITCH, ROTARY, CLOSED CONSTRUCTION,
1 AMPERE AND LOW LEVEL, STYLE SR28

This amendment forms a part of MIL-S-3786/28D, dated 21 December 1982, and is approved for use by all Departments and Agencies of the Department of Defense.

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Bottom of page, add:

Mounting hardware: Each switch shall be supplied with one each hexagon nut in accordance with MS25082-820 or equivalent, and one internal-tooth lockwasher in accordance with MS35333-76 or equivalent.

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Table II: Delete and substitute:

Table II. Electrical loads.

Environmental condition	Inductive Loads Per MIL-I-81023		Resistive Loads <u>1/</u>	
	Milliamperes	Volts, dc	Milliamperes	Volts
<u>Elevated temperature</u> 125°C At atmospheric pressure	100	28	10 max <u>2/</u> 750 250	0.030 dc max or peak AC <u>2/</u> 28 dc 115 AC
<u>Room temperature</u> (25°C) At atmospheric pressure	100 <u>3/</u>	28 <u>3/</u>	1000 <u>4/</u> 350 <u>4/</u>	28 dc <u>4/</u> 115 AC <u>4/</u>
At reduced barometric pressure 25°C	40	28	250 40	28 dc 115 AC

- 1/ Each of the loads specified shall be switched by at least one rotor of the switch
- 2/ Low level life is applicable. Low level shall be conducted as one of the electrical loads tested during life (rotational) testing. Contact resistance shall not exceed 7.5 miliohms. At the beginning of the test and every 5,000 cycles thereafter, the contact resistance shall be measured.
- 3/ Reference only.

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- 4/ Two sample units shall be tested using the load specified. Testing shall be performed the same as for other loads at atmospheric pressure, except the ambient temperature shall be room temperature.

Note: The margins of this amendment are marked with an asterisk to indicate where changes from the previous amendment 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 relationships to the previous amendment.

CONCLUDING MATERIAL

Custodians:

Army - ER
Navy - EC
Air Force - 85

Preparing activity:
Air Force - 85

(Project 5930-1430-08)

Review activities:

Army - AR, MI
Navy - AS, OS
Air Force - 11
DLA - ES

User activities:

Army - AT, ME, SM
Navy - CG, MC
Air Force - 19