

INCH-POUND

MIL-DTL-3786G
SUPPLEMENT 1
21 October 2001

DETAIL SPECIFICATION

SWITCHES, ROTARY (CIRCUIT SELECTOR, LOW-CURRENT CAPACITY), GENERAL SPECIFICATION FOR

This supplement forms a part of MIL-DTL-3786G, dated 21 October 2001.

SPECIFICATION SHEETS

- MIL-S-3786/1 - Switch, Rotary, Open Construction, ½ Ampere, Style SR01.
INACTIVE FOR NEW DESIGN
- MIL-S-3786/2 - Switch, Rotary, Open Construction, ½ Ampere, Style SR02.
INACTIVE FOR NEW DESIGN
- MIL-S-3786/3 - Switch, Rotary, Open Construction, ½ Ampere, Style SR03.
INACTIVE FOR NEW DESIGN
- MIL-DTL-3786/4 - Switch, Rotary, Closed Construction, 2 Amperes, Low Level, Positive Shaft
Grounding, Style SR04.
- MIL-S-3786/5 - Switch, Rotary, Open Construction, .200 Ampere, Style SR05.
INACTIVE FOR NEW DESIGN
- MIL-S-3786/9 - Switch, Rotary, Open Construction, ½ Ampere, Style SR09.
INACTIVE FOR NEW DESIGN
- MIL-S-3786/10 - Switch, Rotary, Open Construction, ½ Ampere, Style SR10.
INACTIVE FOR NEW DESIGN
- MIL-DTL-3786/13 - Switch, Rotary, Closed Construction, .500 Ampere, Style SR13.
- MIL-S-3786/20 - Switch, Rotary, Closed Construction, Explosion Proof, .500 Inch Diameter, .200
Ampere, Style SR20
- MIL-S-3786/28 - Switch, Rotary, Closed Construction, 1 Ampere and Low Level, Style SR28.
INACTIVE FOR NEW DESIGN
- MIL-S-3786/32 - Switch, Rotary, Open Construction, 1/5 Ampere, Style SR32.
INACTIVE FOR NEW DESIGN
- MIL-S-3786/35 - Switch, Rotary, Closed Construction, Explosion Proof, .200 Ampere, Style SR35.
- MIL-DTL-3786/36 - Switch, Rotary, Closed Construction, ¼ Ampere, Style SR36.
- MIL-DTL-3786/39 - Switch, Rotary, Closed Construction, Explosion Proof, .400 Milliampere, Style
SR39.
- MIL-S-3786/40 - Switch, Rotary, Open Construction, .5 Ampere and Low Level, Style SR40.
INACTIVE FOR NEW DESIGN
- MIL-DTL-3786/41 - Switch, Rotary, Closed Construction, 0.5 Ampere, Style SR41.

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Application cross-reference

MIL-S-3786/	Approximate diameter in inches	Construction type B D E F N S	Angle of throw in degrees	EMI/RFI shielding	Shaft grounding	28 V dc rating Ampere	Low level capability	Contact type	
								S	NS
1	2.094	N S	18 to 72	No	No	.500	No	Yes	Yes
2	1.594	N S	18 to 90	No	No	.500	No	Yes	Yes
3	1.375	N S	30 to 90	No	No	.500	No	Yes	Yes
4	1.180	E F	30 to 90	No	Yes	2.000	Yes	Yes	Yes
5	1.047	N S	30 to 90	No	No	.200	No	Yes	Yes
9	2.344	N S	15 to 30	No	No	.500	No	Yes	Yes
10	2.328	N S	20 to 40	No	No	.500	No	Yes	Yes
13	.765	E F	30 to 60	No	No	.500	No	Yes	Yes
20	.500	E F	30 to 60	No	No	.200	No	Yes	Yes
28	1.360	E F	30 to 30	Yes	Yes	.250	Yes	Yes	Yes
32	1.828	N S	15 to 45	No	No	.200	No	Yes	Yes
35	.562	F	30	No	No	.200	No	Yes	Yes
36	1.281	F	15 to 22	No	No	.250	No	Yes	Yes
39	.687	E F	36	No	No	.400	No	No	Yes
40	1.750	N S	11 to 30	Yes	Yes	.500	Yes	Yes	Yes
41	.765	E F	30 to 60	No	No	.500	No	Yes	Yes

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Application cross-reference - Continued.

MIL-S-3786/ 1	Temperature life characteristic					Vibration grade			Shock type		Insulation material			Altitude (maximum) (ft)	Type of termination		Additional features
	B	C	D	E	F	1	2	3	High	Med	C	G	P		SL	PC	
1	B	C	D			1				Med				70,000	SL		Concentric shaft
2	B	C	D					3		Med				70,000	SL		Concentric shaft
3	B	C	D					3		Med				70,000	SL		Concentric shaft
4	B	C						3	High	Med			P	70,000	SL		Concentric shaft
5	B	C	D					3	High	Med	C	G	P	70,000	SL		Concentric shaft
9	B					1			High	Med			P	70,000	SL		Concentric shaft
10	B					1			High	Med			P	70,000	SL		Concentric shaft
13	B	C						3	High	Med			P	70,000	SL		
20	B							3	High	Med			P	70,000	SL		
28	C							3	High	Med			P	70,000	SL		Concentric shaft
32	B							3	High				P	70,000	SL		Concentric shaft
35	B							3	High	Med			P	70,000	SL	PC	Slotted shaft
36	C							3	High	Med			P	70,000	SL		
39	C							3	High	Med			P	70,000	SL	PC	In-line PC mount
40				E				3	High	Med			P	10,000	SL	PC	
41	B	C						3	High	Med			P	70,000	SL		

CONCLUDING MATERIAL

Preparing activity:
DLA - CC
(Project 5930-1729-99)