

TINCH-POUNDMIL-S-3786F
SUPPLEMENT 1
11 Jan 1991

MILITARY SPECIFICATION

SWITCHES, ROTARY (CIRCUIT SELECTOR, LOW-CURRENT CAPACITY),
GENERAL SPECIFICATION FORThis supplement forms a part of MIL-S-3786F,
dated 29 July 1990.

SPECIFICATION SHEETS

MIL-S-3786/1	-	Switch, Rotary, Open Construction, 1/2 Ampere, Style SR01.
MIL-S-3786/2	-	Switch, Rotary, Open Construction, 1/2 Ampere, Style SR02.
MIL-S-3786/3	-	Switch, Rotary, Open Construction, 1/2 Ampere, Style SR03.
MIL-S-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.
MIL-S-3786/9	-	Switch, Rotary, Open Construction, 1/2 Ampere, Style SR09.
MIL-S-3786/10	-	Switch, Rotary, Open Construction, 1/2 Ampere, Style SR10.
MIL-S-3786/13	-	Switch, Rotary, Closed Construction, .500 Ampere, Style SR13.
MIL-S-3786/15	-	Switch, Rotary, Open Construction, .5 Ampere, Low Level, Positive Shaft Grounding, EMI/RFI, Style SR15.
MIL-S-3786/18	-	Switch, Rotary, Electro-Mechanical Actuated (Solenoid Type), Open Construction, 1/2 Ampere, Style SR18.
MIL-S-3786/19	-	Switch, Rotary, Closed Construction, 1/10 Ampere, Style SR19.
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.
* MIL-S-3786/31	-	Switch, Rotary, Open Construction, Lever Actuated, 0.25 Ampere, Style SR31.
MIL-S-3786/32	-	Switch, Rotary, Open Construction, 1/5 Ampere, Style SR32.
MIL-S-3786/35	-	Switch, Rotary, Closed Construction, Explosion Proof, .200 Ampere, Style SR35.
MIL-S-3786/36	-	Switch, Rotary, Closed Construction, 1/4 Ampere, Style SR36.
MIL-S-3786/39	-	Switch, Rotary, Closed Construction, Explosion Proof, .400 Milliamperes, Style SR39.
MIL-S-3786/40	-	Switch, Rotary, Open Construction, .5 Ampere And Low Level, Style SR40.
MIL-S-3786/41	-	Switch, Rotary, Closed Construction, 0.5 Ampere, Style SR41.

*MIL-S-3786/31(EC) is inactive for new design.

MIL-S-3786F
SUPPLEMENT 1

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 ground- ing	28 V dc rating amperes	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
15	2.531	N S	7.5 to 15	Yes	Yes	.500	No	Yes	Yes
18	1.438	N	30 to 90	No	No	.500	No	No	Yes
19	.500	B D E F	30 to 60	No	No	.100	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

MIL-S-3786F
SUPPLEMENT 1

Application cross-reference - Continued.

MIL-S-3786/	Temperature life char						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		
15		C						3	High	Med.		G			10,000	SL		48 pos.(S)contacts
18	B						2		High	Med.			P		70,000	Turr.	Clip	Solenoid operated
19	A							3	High	Med.			P		70,000	SL		Slotted shaft
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		

MIL-S-3786F
SUPPLEMENT 1

CONCLUDING MATERIAL

Preparing activity
Air Force - 85

Agent:
DLA - ES

(Project 5930-1450)