

Switches



SWITCHES

MODEL S 18—SELECTOR SWITCH

This switch has been designed primarily for selective switching in thermo-couple or resistance bulb circuits.

The switch is double pole, 2, 3, 4 or 6 way, with "off" position. Total resistance is in the order of 0.005 ohm and does not exceed 0.010 ohm. The body, cover, knob and brush arm carriers are made from moulded bakelite.

The contact studs are brass with solid silver caps, whilst the brush arms are phosphor-bronze heavily silver plated.

Overall dimensions = 2.18 in (55 mm) dia. - small S.A.E. fixing
Depth = 2.5 in (64 mm) approx.

Weight = 8.1/2 oz (241 g) approx.
Fixing Diagram = FD.578

Part No.	Positions
106627	2
106629	3
106631	4
106633	6



Model S 18

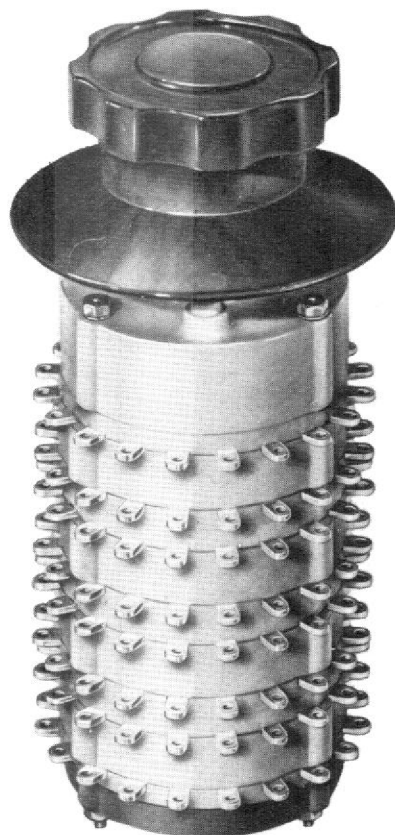
MODEL S 88—ROTARY SELECTOR SWITCH

The Model S88 is totally enclosed in a moulded bakelite dust-proof housing, supplied complete with skirted knob. It can be water sealed to a panel, if especially required. Positioning is effected by two spring-loaded, self-lubricating steel balls which are thrust diametrically outwards against a notched ring. The fixed contacts are of naval-brass, silver plated, and the contact face is of solid silver. These contacts are inherently self-cleaning.

The switch is available with either 1, 2, 3 or 4 decks and each deck may have the following contacting arrangements.

- (a) 20 way, single pole
- (b) 10 way, two pole
- (c) 5 way, four pole

Bridging contacts are supplied as standard but non-bridging types can be provided if specially ordered.



Model S88

Contact resistance of the switch:
0.007 ohm approx.

Current carrying capacity: 5 amperes continuous, but the switch must not be used to break this current.

Maximum working voltage between contacts: 500 volts.

Maximum breaking current:
10mA at 250 volts

Fixing Diagram: FD.879

MODEL S 88—ROTARY SELECTOR SWITCHES

MODEL	FORM	SUB	NO. OF POSITIONS	NO. OF POLES EACH DECK	CONTACT ARRANGE- MENT	OVERALL DEPTH	NO. OF DECKS	APPROX. WEIGHT
S88	1	11	5	4	M.B.B.	1.54 in (39 mm)	1	4 - 6 oz (113 - 170 g)
S88	2	12	5	4	"	2. 1 in (53 mm)	2	
S88	3	13	5	4	"	2.64 in (67 mm)	3	
S88	4	14	5	4	"	3.19 in (81 mm)	4	
S88	5	15	5	4	B.B.M.	1.54 in (39 mm)	1	
S88	6	16	5	4	"	2. 1 in (53 mm)	2	
S88	7	17	5	4	"	2.64 in (67 mm)	3	
S88	8	18	5	4	"	3.19 in (81 mm)	4	
S88	9	19	10	2	M.B.B.	1.54 in (39 mm)	1	
S88	10	20	10	2	"	2. 1 in (53 mm)	2	
S88	11	21	10	2	"	2.64 in (67 mm)	3	
S88	12	22	10	2	"	3.19 in (81 mm)	4	
S88	13	23	10	2	B.B.M.	1.54 in (39 mm)	1	
S88	14	24	10	2	"	2. 1 in (53 mm)	2	
S88	15	25	10	2	"	2.64 in (67 mm)	3	
S88	16	26	10	2	"	3.19 in (81 mm)	4	
S88	17	27	20	1	M.B.B.	1.54 in (39 mm)	1	
S88	18	28	20	1	"	2. 1 in (53 mm)	2	
S88	19	29	20	1	"	2.64 in (67 mm)	3	
S88	20	30	20	1	"	3.19 in (81 mm)	4	
S88	21	31	20	1	B.B.M.	1.54 in (39 mm)	1	
S88	22	32	20	1	"	2. 1 in (53 mm)	2	
S88	23	33	20	1	"	2.64 in (67 mm)	3	
S88	24	34	20	1	"	3.19 in (81 mm)	4	

M.B.B. = make before break (bridging)

B.B.M. = break before make (non-bridging)



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