

Chapter 67

ROTARY SELECTOR SWITCH, TYPE S88

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| Selector switch, Type S88 (4 banks) | 1 |

LEADING PARTICULARS

| | | |
|-------------------------------------|-----|----------------------|
| Selector switch, Type S88 (2 banks) | ... | Stores Ref. 5CW/5114 |
| Contact rating | ... | 5 amp. |
| Contact resistance | ... | 0.007 ohms |
| Maximum working voltage | ... | 750 volts |
| Overall diameter — | | |
| Body over tags | ... | 1.95 in. |
| Flange | ... | 2.18 in. |
| Overall length (approx.) — | | |
| 1 bank | ... | 2.8 in. |
| 2 banks | ... | 3.35 in. |
| 3 banks | ... | 3.9 in. |
| 4 banks | ... | 4.45 in. |

Introduction

1. The rotary switch, Type S88, is a 20-way single-pole selector switch for use primarily with instruments where the circuits are not normally interrupted. It does not therefore have a quick make/break action, and is not suitable for high currents. One application is for ammeter and voltmeter test socket selection, on 112- and 28-volt circuits.

DESCRIPTION

2. This switch may have either 1, 2, 3 or 4 banks; a 4-bank switch is illustrated in fig. 1.

3. The mechanism of the switch is enclosed in a moulded Bakelite housing, and has a flanged operating knob. As the switch positions are selected, two spring-loaded balls are thrust diametrically outwards against a notched ring for positive location. There is no common connecting ring, but two contacts for each position which are joined by the rotor arm.

4. The switch is secured to the panel by a $\frac{3}{8}$ in. dia. Whit. hex. nut and washer on the central shaft. Electrical connections are made as required to the solder tags around the body of the switch.

SERVICING

5. No servicing is possible on this switch, apart from a general inspection for freedom from damage and security of connections.

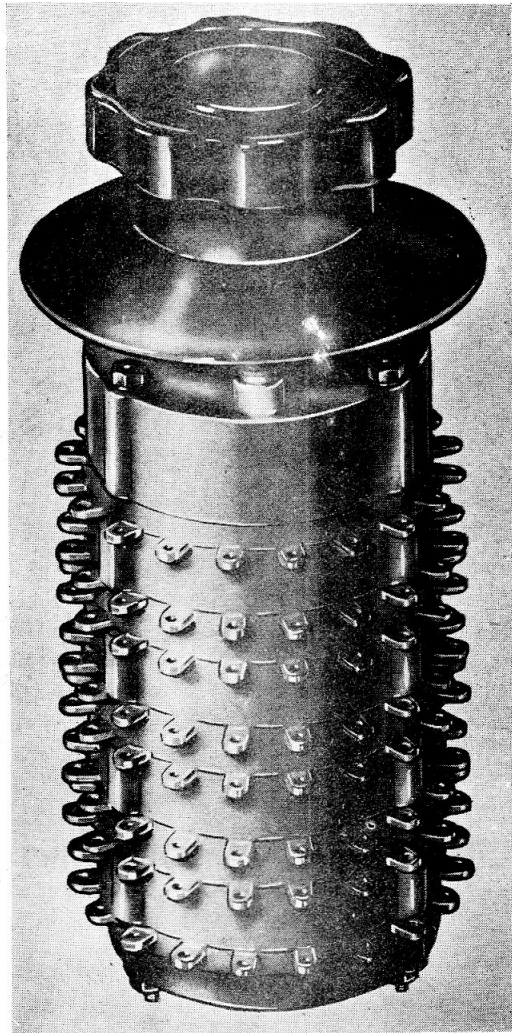


Fig. 1. Selector switch, Type S88 (4 banks)

RESTRICTED