

Chapter 94

ROTARY SWITCH, A.B. MINIBANK, TYPE C

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LEADING PARTICULARS

Rotary switch, Type C	Ref. No. 5CW/6289
<i>Working voltage (max.)</i>	300V d.c. or a.c. (R.M.S.)
<i>Contact rating</i>	2 amp.
<i>Temperature range</i>	-40 deg. C. to +85 deg. C.
<i>Dimensions</i>	
<i>Switch body length</i>	0.516 in.
<i>Switch body dia.</i>	0.75 in.

Introduction

1. The Minibank rotary wave-change switch, Type C, is a sealed, two-pole, 6-position miniature switch, with a non-shorting contact action. It is intended for use in hermetically-sealed equipment and incorporates a barrier in the fixing bush, and a panel seal.

DESCRIPTION

2. A general view of the switch is given in fig. 1. The unit is fitted with a neoprene panel sealing washer, while two neoprene 'O' ring seals are fitted between the bush and spindle, the switch body itself being ventilated. The contacts, which are silver phosphor-bronze bi-metal, and moving parts are totally enclosed, rendering them impervious to dust and atmospheric conditions. Electrical connection to the switch is made via solder lugs, while the switch is secured to the

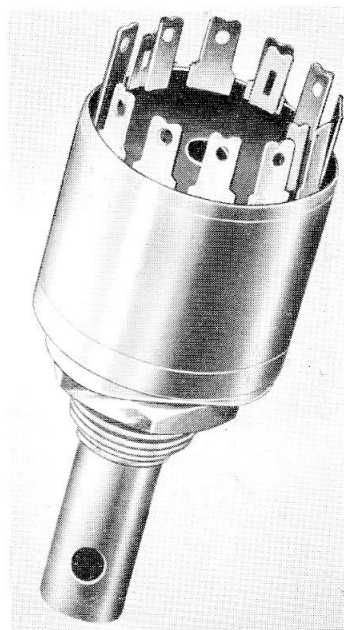


Fig. 1. Rotary switch, Type C

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mounting panel by means of a hexagon nut and wavy spring washer.

SERVICING

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

Insulation resistance test

4. Using a 500V insulation resistance tester, and with the switch in the off position, measure the insulation resistance between each contact and each other contact. A reading of not less than 50,000 ohms should be obtained for each test.

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