Chapter 15

SWITCH, MAGNETIC, TYPE 8A, No. I (Rotax D8801)

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LIST OF ILLUSTRATIONS

LEADING PARTICULARS

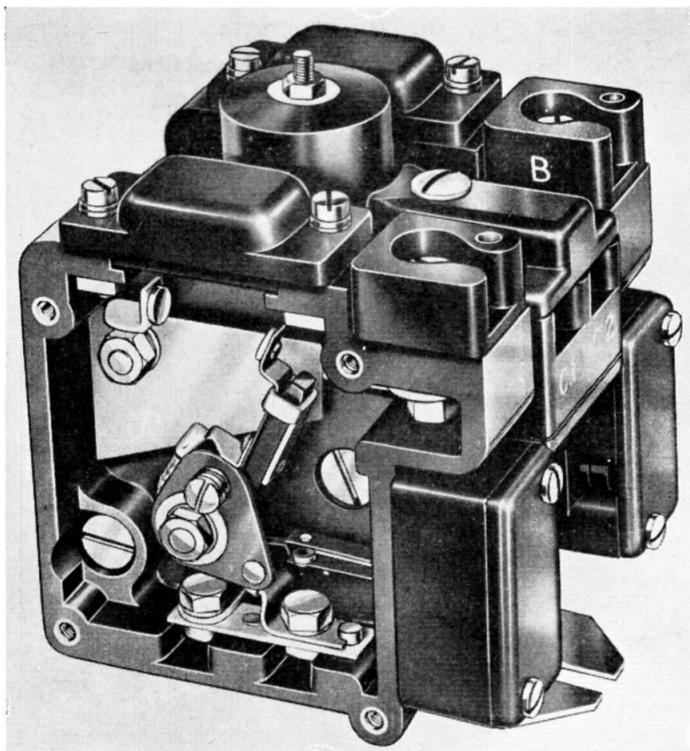|	
Operating coil	
Maximum voltage	29V, d.c.
Minimum operating voltage	14V, d.c.
Current rating...	15 amp.
Nominal resistance (20 deg. C.)	25 ohm.
Overall dimensions	
Length	3·25 in.
Width	2·6 in.
Height	3·2 in.
Weight	I lb. 2 oz.
Fixing slots	
Centres	2·76 in.
Diameter	0·2 in.

Fig. I. General view of Type 8A, No. I magnetic switch

Introduction

1. This magnetic switch, in common with others in the D8000 series, is designed for use on aircraft installations where it is desired to make and break 112 volt circuits by means of a 24 volt control circuit.

DESCRIPTION

2. The Type 8A, No. 1 magnetic switch (*fig.* 1) is a single pole contactor and is similar in construction to those described in A.P.4343

Vol. 1, Sect. 11, Chap. 9. The units are fitted with two pairs of auxiliary contacts (24/28 volt) in addition to the main 112 volt contacts.

3. Information covering the functioning, servicing and installation of the unit will be found in the above-mentioned chapter (*para.* 2), and details of voltage and rating are given under Leading Particulars. A diagram of internal connections is shown in fig. 2.
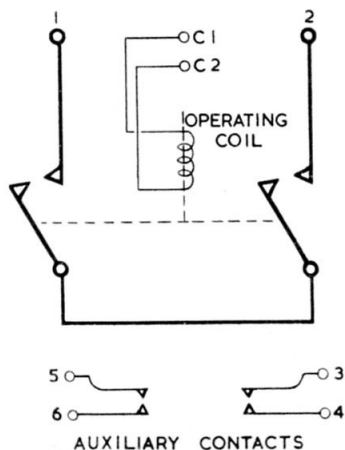
Fig. 2. Diagram of internal connections