

Chapter 2

SWITCH, MAGNETIC, TYPE 3A, No. 1 (ROTAX F3104)

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LEADING PARTICULARS

Switch, magnetic, Type 3A, No. 1	Stores Ref. 5CW/4379
Overall dimensions of base	3.128 in. by 3.000 in.
Height	3.468 in.
Weight	16 oz.
Current rating	5 amp.
Voltage	112V d.c.
Operating coil resistance	157.5 to 192.5 ohm
Pull-in voltage	70 to 75
Drop-out voltage	66 to 48

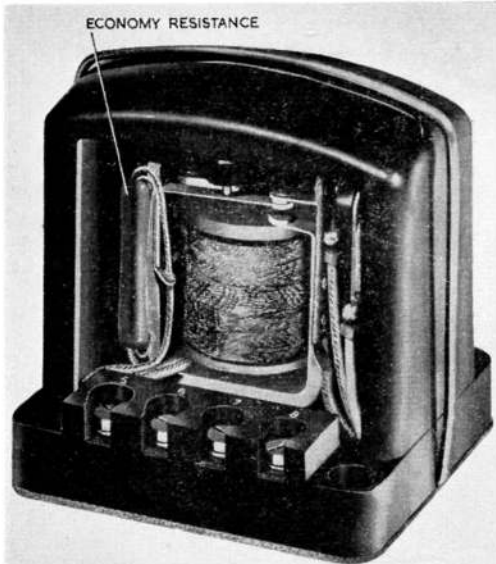


Fig. 1. Type 3A, No. 1 magnetic switch

Introduction

1. This magnetic switch (*fig. 1*), in common with others in the F3100 series, is designed for use in conjunction with a differential relay or magnetic switch, in an aircraft's generator supply system.

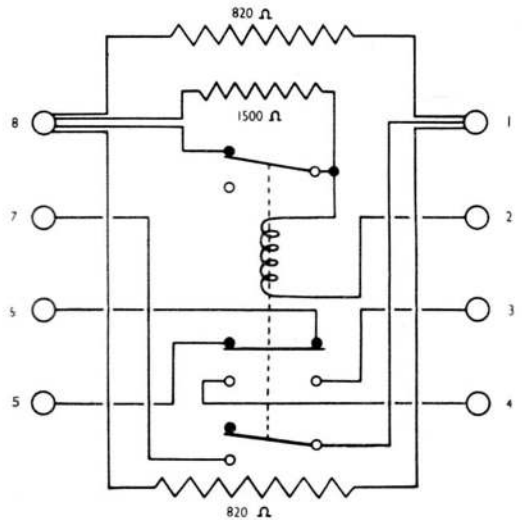


Fig. 2. Diagram of connections

DESCRIPTION

2. The Type 3A, No. 1 magnetic switch is identical with that described in A.P.4343, Vol. 1, Sect. 11, Chap. 3, an economy resistance of 1,500 ohms being fitted and brought in series with the operating solenoid when the switch is energized (*fig. 2*).

3. Details of functioning, installation and servicing are also given in the chapter mentioned in the previous paragraph.

(A.L.43, Sep. 55)

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