

Chapter 4

SWITCH, MAGNETIC, Type 3A, No. 2 (ROTAX F3113)

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LEADING PARTICULARS

| | |
|----------------------------------|----------------------|
| Switch, magnetic, Type 3A, No. 2 | Stores Ref. 5CW/5001 |
| Overall dimensions of base | 3.128 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 |

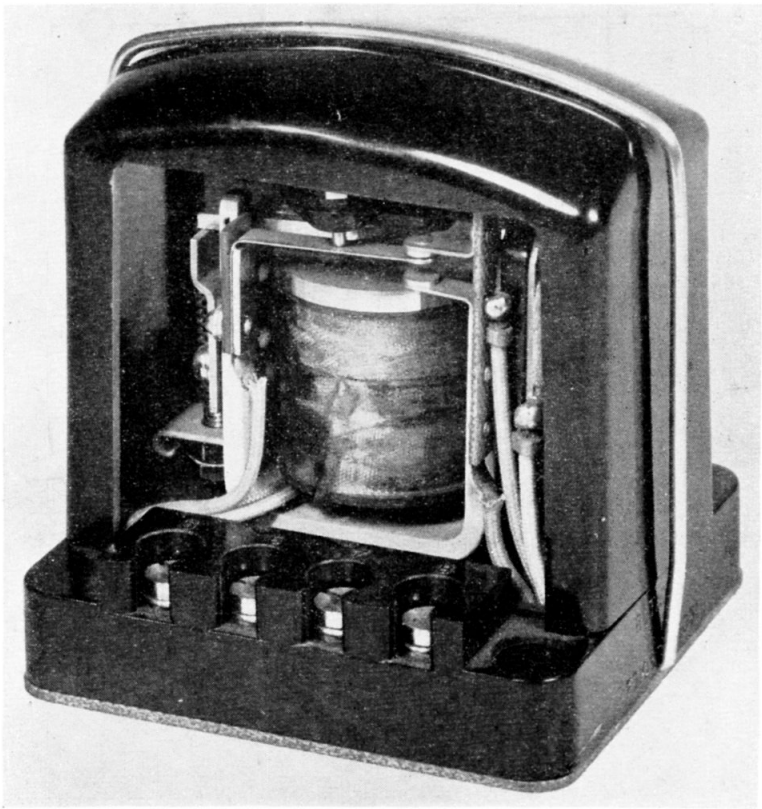


Fig. 1. Type 3A, No. 2 magnetic switch

(A.L.43, Sep. 55)

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Introduction

1. This switch unit, in common with others in the "Rotax F3100 series", is designed primarily for use, in conjunction with a differential relay, in an aircraft's generator supply system.

DESCRIPTION

2. The Type 3A, No. 2 magnetic switch is physically similar to that described in A.P. 4343, Vol. 1, Sect. 11, Chap. 3, except that an economy resistance is not fitted. The internal connections have been modified to conform with fig. 2.

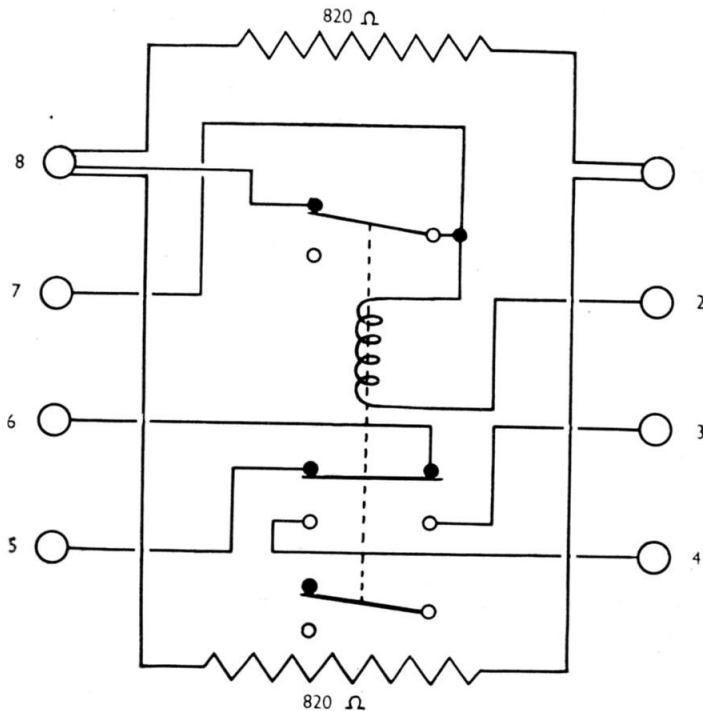


Fig. 2. Diagram of connections

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