Chapter 41

SWITCH, THERMAL, TYPE 2A, No. 2 (ROTAX D6216)

LIST OF CONTENTS

LIST OF ILLUSTRATIONS

LEADING PARTICULARS

Switch, thermal Type 2A, No. 2 ...	*Stores Ref. 5CW/4409*
Relay Coil	
Nominal resistance (20 deg. C.)	*219 ohm.*
Maximum voltage	*29 volt D.C.*
Minimum operating voltage (cold)	*16 volt D.C.*
Coil current (at 29 volt)	*0·132 amp. (nominal)*
Overall dimensions	
Length	*3·437 in.*
Width	*2·500 in.*
Height	*2·328 in.*
Weight	*10 oz.*
Terminal connection	
Socket	*37 amp.*
Ferrule	*37 amp.*
Fixing holes (2)	
Centres	*1·625 in.*
Diameter	*0 203 in.*

Introduction

1. This switch functions as a thermal overload relay and, in common with others in the D6200 series, is used to provide thermal protection in aircraft circuits. It is intended to be installed in a 120-volt single line d.c. circuit.

DESCRIPTION

2. The Type D6216 thermal switch (*fig.* 1) is similar in construction to those described in A.P.4343, Vol. 1, Sect. 11, Chap. 6. Operating from a single line d.c. supply, the unit has only one central main load connection strip and bi-metal assembly, the latter being connected between terminals L2 and B.

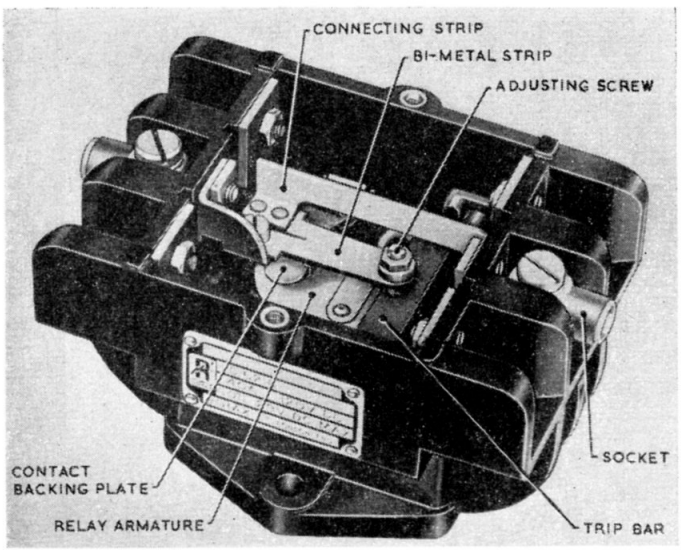

Fig. 1. Type 2A, No. 2 thermal switch with cover removed

(*A.L.8, Feb. 55*)

3. Information covering the functioning and servicing of the unit will be found in the above-mentioned chapter. A diagram of internal connections is illustrated in fig. 2.

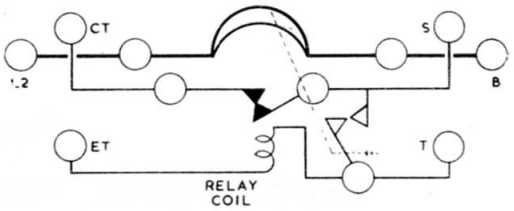

Fig. 2. Diagram of internal connections

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