

Chapter 41

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

LIST OF CONTENTS

	Para.	Description	Para.
Introduction	1		2

LIST OF ILLUSTRATIONS

	Fig.	Diagram of internal connections	Fig.
Type 2A, No. 2 thermal switch, with cover removed	1		2

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.

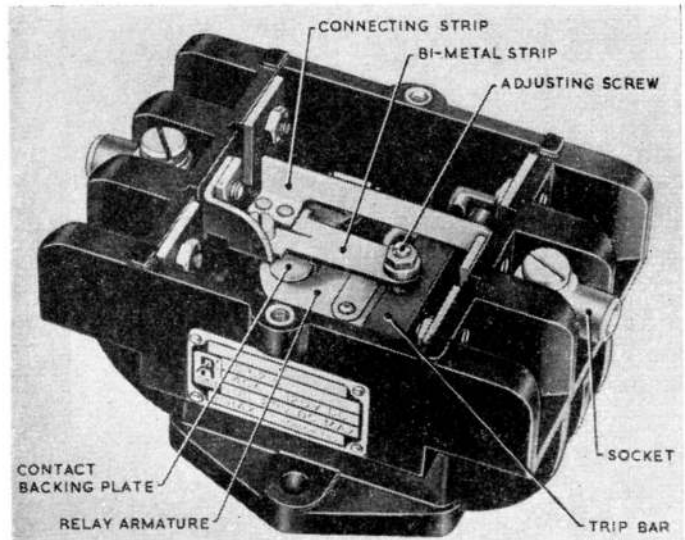


Fig. 1. Type 2A, No. 2 thermal switch with cover removed

(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.

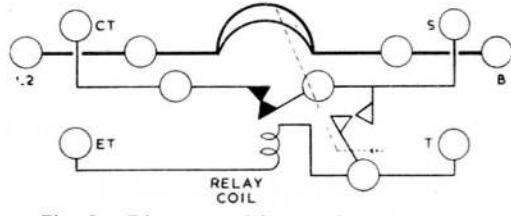


Fig. 2. Diagram of internal connections

RESTRICTED

This file was downloaded
from the RTFM Library.

Link: www.scottbouch.com/rtfm

Please see site for usage terms,
and more aircraft documents.

