

Chapter 94

RELAY, PLESSEY, TYPE 7CZ/97225/1

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LEADING PARTICULARS

Relay, Type 7CZ/97225/1	Stores Ref. 5CW/
Operating voltage	16 to 29 volts d.c.
Contact rating	...	...	...	...	30 amp at 28 volts d.c.
Coil resistance	...	...	...	...	250 ohms \pm 5 per cent
Overall dimensions	...	...	...	...	3 in. \times 1 in. \times 2.5 in.
Weight	...	...	...	...	5 $\frac{3}{4}$ oz.

Introduction

1. The relay, Type 7CZ/97225/1, is a single-pole, normally-open sealed relay for use on aircraft where the current does not exceed 30 amp.

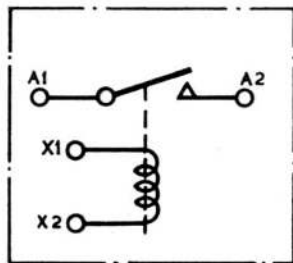


Fig. 1. Circuit diagram

DESCRIPTION

2. A circuit diagram of the relay is given in fig. 1. The mechanism incorporates an electro-magnet mounted centrally on the base; when the coil is energized, the armature is attracted to the core to close the contacts.

3. Electrical connection to the coil and the contacts is made to screw type terminals, 6 B.A. for the coil and 4 B.A. for the contacts. Two mounting flanges are provided, each with a single fixing hole.

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