

Chapter 96

RELAY, PLESSEY, TYPE 7CZ/105411/1

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LEADING PARTICULARS

Relay, Type 7CZ/105411/1	Stores Ref. 5CW/
Operating voltage	16 to 29 volts d.c.
Contact rating...	10 amp. at 28 volts d.c.
Coil resistance...	200 ohms \pm 5 per cent
Overall dimensions	3 in. \times 1.8 in. \times 3.6 in.
Weight	16 oz.

Introduction

1. The relay, Type 7CZ/105411/1, is a four-pole change-over sealed relay for use on circuits where the current does not exceed 10 amp.

DESCRIPTION

2. A circuit diagram of the relay is given in fig. 1. The mechanism incorporates an electro-magnet which operates a set of leaf-spring contacts, the electro-magnet assembly and the spring contact assembly being held together by three nuts. When the coil is energized, the armature is attracted to the core and operates the moving contacts via glass board operating strips.

3. Electrical connection to the coil and the contacts is made to 6 B.A. screw type terminals. Four mounting flanges are provided, on adjacent faces of the unit, each with three fixing holes. The relay may therefore be mounted in one of two possible positions, with fixing centres either 1 in. or 1.25 in. apart.

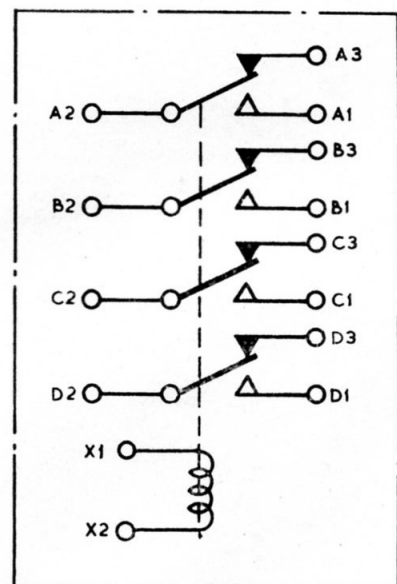


Fig. 1. Circuit diagram

(A.L.101, Mar. 57)