

Chapter 42

MULTIPLE INDICATOR, THORN, TYPE 80/10/0281

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LEADING PARTICULARS

Multiple indicator comprising:-

<i>Lampholder, 6-way, Thorn Part No. 80/10/0281</i>	<i>Ref. No. 5CX/5319</i>
<i>Collet, Thorn Part No. 80/10/0282</i>	<i>Ref. No. 5CX/5320</i>
<i>Filament lamp</i>	<i>Ref. No. 5L/9959118</i>
<i>Overall dimensions</i>	<i>•430 in. x 2•475 in. x 1•25 in.</i>
<i>Weight</i>	<i>... 1•42 oz.</i>

RESTRICTED

Introduction

1. The Thom Type 80/10/0281 multiple indicator, shown in fig. 1 is used in instrument or warning panels where space is limited and a large number of warning indicators are required. The multiple indicator of six warning lamps accommodated in one moulded unit has shoulders at each end which fit into a channel-section mounting, by fitting long mounting bars further indicators may be stacked on top of the first and secured by the same mountings.

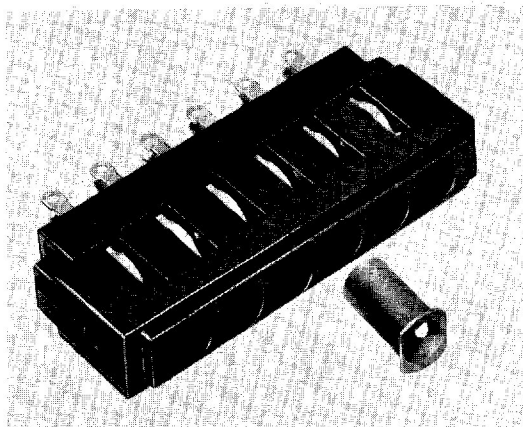


Fig. 1. Multiple indicator and collet

DESCRIPTION

2. The multiple indicator consists of a moulded rectangular body which accommodates six, filament-lamp, carrier collets. The collets are of light alloy and accept a flanged, miniature filament lamp (28 volt 0.04 amp) which is held by a spring tongue cut in the rear of the collet. Contact to the filament lamp is made by a bowed spring side-contact bearing on the collet and the centre contact at the base. The tension of the bowed spring contact on the collet is maintained by pressure exerted by the unit mounted above it, where the unit is mounted individually, or is the uppermost of a stack, an insulating plate is secured on the top of the indicator.

3. The front of the indicator is covered by a suitable transparent screen which bears the appropriate legend for each warning lamp. The collets carrying the warning lamps are held pressed against the screen by the spring loaded base contacts, which reduces the light spread through the screen. Where large legends are to be illuminated more than one warning lamp of the unit can be used. Connection to the indicator is made by a soldering spill to the base contact and a solder tag to the side contact.

SERVICING

4. Servicing of the multiple indicator should be confined to inspection for freedom from damage and corrosion, and the renewal of filaments or complete indicators.

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