



BR964

AUGUST 1969

Specification for

MINIATURE TRACTIVE ARMATURE TWIN D.C. NEUTRAL CONTACTOR RELAY,

PLUG-IN TYPE FOR ILLUMINATING ELECTRIC SIGNS

British Railways Board

AVA Documents
Document Sharing Hub



BR964

Specification for

MINIATURE TRACTIVE ARMATURE TWIN D.C. NEUTRAL CONTACTOR RELAY,
PLUG-IN TYPE FOR ILLUMINATING ELECTRIC SIGNS

The information contained in this document is confidential and must not be used, reproduced, copied or disclosed, other than for the purpose for which this specification was released.

Amendments

Amnd No	Date	Text Affected

BRITISH RAILWAYS BOARD

PROVISIONAL B.R. SPECIFICATION NO. 964
(AUGUST 1969)

FOR

MINIATURE TRACTIVE ARMATURE TWIN D.C. NEUTRAL CONTACTOR RELAY
PLUG-IN TYPE FOR ILLUMINATING ELECTRIC SIGNS

1. SCOPE

The relays covered in this specification are for use only in the final stage of switching an illuminated sign or similar device, and under no circumstances do they replace signalling type relays in vital circuits.

2. GENERAL

2.1. The complete assembly shall consist of three main parts:-

- (a) Two similar electrically matched relays.
- (b) A plugboard for vertical mounting into which the relays are plugged (horizontally) and the sockets terminated on to a shrouded terminal strip with concealed connectors capable of receiving not less than 3/.92 mm (3/.036") conductors. The terminal strip to be mounted on to the rear of the plugboard for access from behind.

2.2. The relays shall include a rigid baseplate which shall form part of the plug-socket inter-connection between the relays and their plugboard, and shall be enclosed in a gasketted transparent cover to render them dustproof.

2.3. The dimensions of the plug-board shall not exceed 127 mm (5 ins.) long by 57 mm (2.1/4 ins.) wide by 38 mm (1.1/2 ins.) deep, and the relays shall protrude approximately 50 mm (2 ins.) not including the contact pins.

2.4. Retaining clips shall be provided for the covers which shall not be capable of engagement in the locking position unless the relays are properly home in the plugboard, the male portion of each inter-connection making a positive sliding contact with the female portion.

2.5. The inter-connections shall be suitable for the current rating of the contacts as specified in clause 4.