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Specification for Moving Iron Direct Current Polar Line Relays for Railway Signalling

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Amendments

Amd. No.	Date	Text Affected

FOR

MOVING IRON DIRECT CURRENT POLAR LINE RELAYS
FOR RAILWAY SIGNALLING

(Superseding BR Specification 923)

FOREWORD

As there is no British Standard for the type of relay envisaged, it has been necessary to produce this Specification based generally on similar specifications for railway signalling relays.

1. SCOPE

This specification covers moving-iron direct current polar line relays for railway signalling. It provides for relays having up to two contact arms as standard. Relays having contact arrangements or resistances different from those regarded as standard may be obtained to this specification by arrangement between the Purchaser and Manufacturer.

2. DEFINITIONS

For the purpose of this specification the following definitions shall apply:-

Normal position. The position of the armature when the relay is energised with the positive coil terminal connected to the positive terminal of a battery.

Reverse position. The position of the armature when the relay is energised with the positive coil terminal connected to the negative terminal of a battery.

Pick-up Value. The value of the current which is just sufficient to close the contacts of a relay under the specified conditions.

Drop-away Value. The value of the current at which the contacts of a relay just open under specified conditions.

Arm. The moving part of the contact.

Normal De-energised Contact. The fixed part of a contact which is closed when the relay coil is de-energised and remains closed when the armature moves to the normal position.

Normal Contact. The fixed part of that contact which is closed when the armature is in the normal position.