

## Safety Signaling Relay Style EN1

### Description:

A miniature DC Neutral Tractive Armature Line Relay. Designed primarily for use in Railway Signaling Circuits but can be used in other applications requiring a reliable safety relay. Typical application included repeater control and indication function. The style EN1 from the basis of "Q" range of relays.

### General Data:

- Nominal rated voltage: 24V, 50V DC.
- Standard Contact Arrangement: 12F/4B, 8F/8B, 8F/4B, 6F/6B, 4F/4B.
- Contact rating: Continuous 3 Amps.
- Typical operate time: 150 ms.
- Release time: 20 ms.
- Weight: 1.4 kgs. (approx).
- Environmental Characteristics: exceeds BS 2011.
- Excellent Vibration / Shock characteristics.



### Features

Safety signaling relay conforming to BR Standard giving high level of reliability over 1 million in service.

- Fine Silver to Silver Impregnated Graphite safety contact prevent welding.
- Fine Silver moving contact riveted and soldered on to Phosphor Bronze Spring to ensure good electrical connection.
- Armature Torque provided by gravity and Helical Spring maintaining front contact gap when relay de- energized.
- Moulded relay base, which interlocks with its respective Plugboard.

### **Safety Signaling Relay Style EN1 - TECHNICAL DATA**

[Click to View](#) (index.php/safety-signaling-relay-style-en1-technical-data/?tmpl=component)

### **Ordering Particulars**

Please specify the following details when ordering :

#### **RELAYS**

- Rated Voltage
- Contact Arrangement
- PIN Code

#### **PLUGBOARD AND ANCILLARY PARTS**

- Plug board drill No.
- No. of Connectors
- Relay fixing clip (ELB 113).