The Stelmec make Relay SLR DS12 is an Electromechanical DC Supervision Relay used to monitor the DC supply source.

**Salient Features**

- Robust Electromechanical Design
- Simple and reliable construction
- Reverse flag indication
- Heavy duty contacts
- Self hand reset mechanical flag
- Flush panel mounting

**Dimensions**

- Front Bezel: 152 x 92 mm ~
- Cut Out: 132 x 72 mm ~
**Description**

This type of relay is used to supervise the DC supply. The relay coil terminals 1 & 2 are connected to the DC supply, which is to be monitored. In case, the DC auxiliary supply is available, the relay’s ‘NO’ contact closes and healthy status is indicated through ‘WHITE’ flag. In the absence of the DC auxiliary supply, the same is indicated through ‘RED’ flag.

**Technical Specifications**

- **Coil Rating**: 24V/ 30V/ 110V/ 220V dc
- **Operating Range**: 65% to 120% of rated voltage
- **Operating Time**: <30 ms at nominal rated voltage
- **Rated Burden (Power)**: <4 Watts
- **Operational Indicator**: Mechanical flag, HR type, Reverse flag
- **Mounting**: Flush mounting in Panel
- **Contacts**: configuration: 2NO-2NC
- **Standards**: IS 3231, IEC 60255

**Contact Ratings:**

<table>
<thead>
<tr>
<th></th>
<th>Make &amp; Carry</th>
<th>Make &amp; Carry for 3 sec.</th>
<th>Break</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>AC</strong></td>
<td>1250VA with max. of 5A &amp; 660Volts</td>
<td>7500VA with max. of 30A &amp; 660Volts</td>
<td>1250VA with max. of 5A &amp; 660Volts</td>
</tr>
<tr>
<td><strong>DC</strong></td>
<td>1250W with max. of 5A &amp; 660Volts</td>
<td>7500W with max. of 30A &amp; 660Volts</td>
<td>100W Resistive, 50W Inductive for 5A/660V</td>
</tr>
</tbody>
</table>

**Typical Terminal Diagram**

- There is a continuous effort at Stelmec to keep abreast of latest technology inline with customers’ requirement.
- All these activities are followed as per ISO 9001 : 2008.