Technical Specifications of DC Failure Relay

The relay shall be capable of monitoring the failure of DC supply to which it is connected. It shall have adequate potential free contacts to meet the scheme requirement. The relay shall have a time delay on drop-off of not less than 100ms and provided with operation indicator/flag.

These relays are attracted armature units of compact design with a positive action and a high degree of mechanical stability. They are voltage operated. Relays shall comply with BS142.

Contacts are of a silver/copper alloy, shaped and positioned to ensure a very reliable, low resistance make or break type.

Standard coil rating

24/30 V, 48/50 V, 110/125 V or 220/250 V dc or 220/240 V,

240/250 V 50 Hz ac.

DC relays operation shall be between 75%-120% of rated volts

Burdens

3 W per element at all rated voltages

The typical operating time shall be 25 ms.