HEAVY DUTY TIME DELAY BI-STABLE RELAY

Specifications

Amperage: 250A  
Voltage Ratings: 12V/24V  
Operating Temp: -40°C to 100°C  
Ingress Protection: IP67 X9K  
Color: Black  
Voltage Range: 8.5V to 32V @ 23°C  
Max. Cranking Current: 800A x 30 Sec.  
Light Line Current Rating: 1.3A continuous (6.5A protected)  
Quiescent Current: 0.8mA @ 12V  
1.5mA @ 24V  
Input Active Line Current: 5mA @ 12V  
10mA @ 24V  
Programmable Delay Time: 1 Sec to 1 Hour  
False Switch Status Immunity: Detected as open down to 2kohm  
Detected as closed up to 25ohm

Ordering Information

<table>
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<tr>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
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<tr>
<td>08070900</td>
<td>Programmable Time Delay Bi-Stable Relay</td>
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Recommended Products

- Part Number: 00227066  
  Sealed Bi-Stable Position Switch with Cover and GREEN LED

- Part Number: 00227068  
  Sealed Momentary Position Switch With Cover

- Part Number: 00900400  
  Bi-Stable Position Switch BLACK

- Part Number: 00900900  
  Momentary Position Switch RED

- Part Number: 00901000  
  Momentary Position Switch GREEN

- Part Number: 00900800  
  GREEN LED

Description

The Heavy Duty Time Delay Bi-Stable Relay disconnects the battery from the vehicle electrical system with voltage self-recognition. It has immediate switch ON, controlled switch OFF, programmable delay time, and service state managing (service switch OFF and switch ON). The Heavy Duty Time Delay Bi-Stable Relay has a non-volatile memory, low battery alert system, and is thermal protected.

Features and Benefits

- UNECE R10 Rev05 compliant
- Built in TE Superseal connector 1.5 series
- Remote command line for normal working (switch)
- Remote command line for SERVICE/EMERGENCY working (push button)
- NORMAL/SERVICE mode selection with power down restore
- Immunity to dirty switches
- Lamp driving line for error/status signaling

Applications

- Construction
- Military
- Transit
- Heavy Duty Truck
- Agriculture
- Engines with Selective Catalytic Reduction (SCR)

Web Resources

Download technical resources at: littelfuse.com/hdtimedelay
HEAVY DUTY TIME DELAY BI-STABLE RELAY

Heavy Duty • 250A • 12V/24V

Dimensions in millimeters