

# HEAVY DUTY TIME DELAY BI-STABLE RELAY

Heavy Duty • 250A • 12V/24V



## 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](http://littelfuse.com/hdtimedelay)

## Specifications

<b>Amperage:</b>	250A
<b>Voltage Ratings:</b>	12V/24V
<b>Operating Temp:</b>	-40°C to 100°C
<b>Ingress Protection:</b>	IP67 X9K
<b>Color:</b>	Black
<b>Voltage Range:</b>	8.5V to 32V @ 23°C
<b>Max. Cranking Current:</b>	800A x 30 Sec.
<b>Max. Peak Current (S.C.):</b>	2000A x 5 Sec.
<b>Light Line Current Rating:</b>	1.3A continuous (6.5A protected)
<b>Quiescent Current:</b>	0.8mA @ 12V 1.5mA @ 24V
<b>Input Active Line Current:</b>	5mA @ 12V 10mA @ 24V
<b>Programmable Delay Time:</b>	1 Sec to 1 Hour
<b>False Switch Status Immunity:</b>	Detected as open down to 2kohm Detected as closed up to 25ohm

## Ordering Information

PART NUMBER	DESCRIPTION
08070900	Programmable Time Delay Bi-Stable Relay

## 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

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## Dimensions in millimeters

