

HEAVY DUTY TIME DELAY BI-STABLE RELAY

Heavy Duty • 250A • 12V/24V



Description

The Heavy Duty Time Delay Bi-Stable Relay is able to disconnect the battery from the electrical system of vehicles in 12V and 24V, with voltage self-recognition. It includes immediate switch ON, controlled switch OFF with programmable delay time and service state managing (service switch OFF and switch ON). This 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
- 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

Web Resources

Download technical resources at:
littelfuse.com/hdtimedelay

Specifications

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

