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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

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.
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
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

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



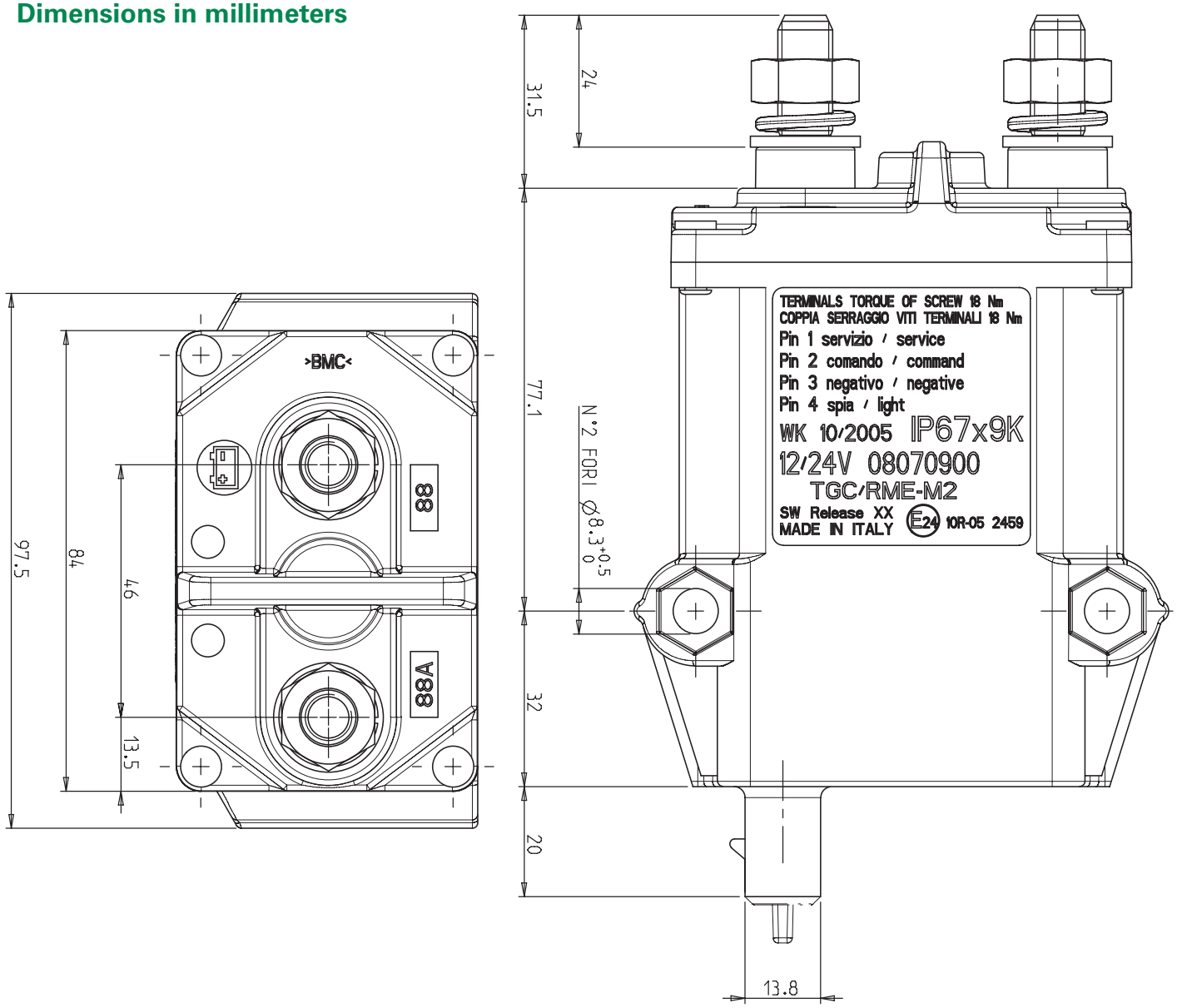
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GREEN LED

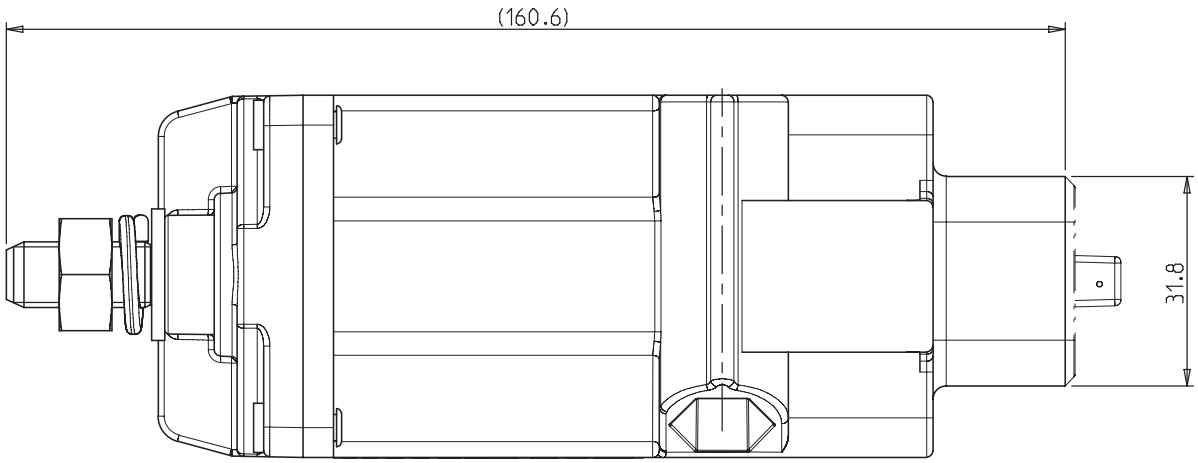
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Dimensions in millimeters





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