

# HD Series Bi-Stable Relays

*Remotely-operated 300A disconnect for high-amperage circuits*

- ▶ Eliminates routing of heavy gauge cables to user-accessible mechanical disconnect switches, lowering system costs
- ▶ Supports high-amp intermittent or continuous current loads
- ▶ Stainless steel hardware, tin-plated copper studs and silver alloy contacts

Ordering Information	
Part No.	Description
880086	HD Relay 12V DC
880088	HD Relay 24V DC
880092	Remote control switch



PN 880086

## Features & Benefits

Remotely-operated device eliminates long runs of heavy cable: Minimizes cabling complexity, cost and vehicle weight.

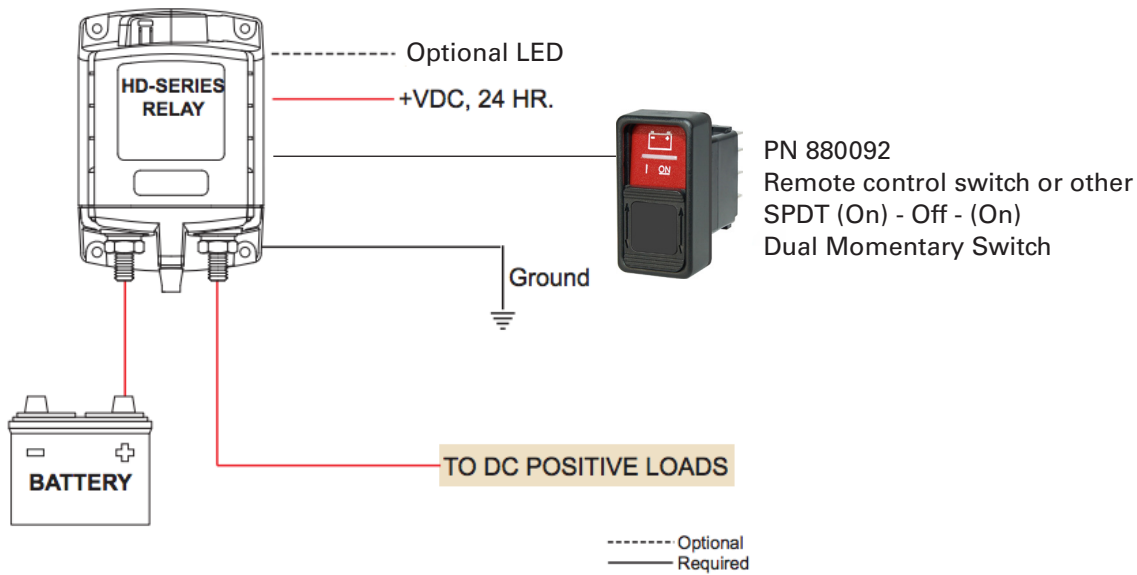
Bi-stable (latched) operation draws no current in On or Off: eliminates a continuous demand on the batteries.

LED output wire enables remote indication of relay status – Open or Closed.

Silver alloy contact assure the lowest voltage drop/resistance and extends cycling life of the device.

Stainless steel hardware and tin-plated copper contacts maximize resistance in harsh environments.

## Configurations



## Specifications

Relays	
Max continuous current rating	300A (4/0 input/output cable)
Inrush current rating (10 seconds)	1500A (4/0 input/output cable)
Mounting hardware	M5 or #10
Terminal hardware	3/8" (accepts M10 terminals)
Temperature range	-50°C to + 105°C
Humidity	0-95% RH
Shock	10G
Vibration	8G
Ingress rating	IP67/IP69K
Connector	Deutsch 6-position DTM
Ignition protection	Meets ISO 8846 & SAE J1171
Specifications: Remote control rocker switch PN 880092	
Contura control switch	Momentary SPDT (On) -Off- (On)
Temperature range	-40°C to + 85°C
Mounting cut-out	1.45" x 0.83" (36.9 x 21.0mm)
LED rating	100,000 hours half-life
Ingress rating	IP67