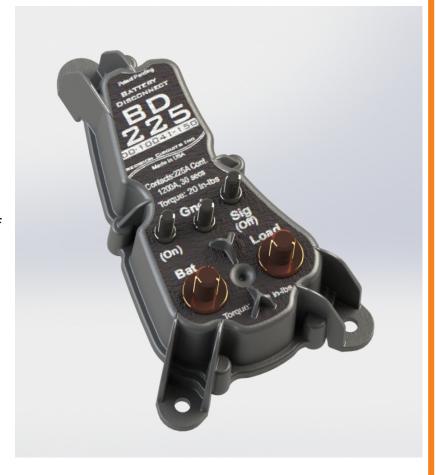
## PRECISION CIRCUITS INC

BATTERY DISCONNECT allows you to remotely disconnect the vehicle from the battery.

Prevents battery drain during storage while eliminating the cumbersome task of physically removing the battery cable from the bank of batteries.



## Key Features:

- 1. Draws no current in ON or OFF state
- 2. Current Ratings: 160A Continuous, 600A Cranking 225A Continuous, 1200A Cranking
- 3. a. Ignition Proof, SAE J1171
  - b. Waterproof, IEC 60529, IP66 IP67, ASTM B 117 96 Hours Salt Spray
  - c. Approved for battery compartments
- 4. Single wire operation.
- 5. Microprocessor controlled internal coil
  - a. No external fuse.
  - b. Prevents coil damage from "sticky switches"
  - c. Prevents accidental disconnect if ignition signal is detected
- 6. Weighs under 1 pound.



## Operation:

The BATTERY DISCONNECT opens and connects the two 5/16" copper terminals by means of a sliding contact. Each time the Sig terminal is momentarily switched to ground, the contact instantly switches, and the BATTERY DISCONNECT changes ON/OFF state. The BATTERY DISCONNECT remains in the ON or OFF State, without Coil

Specifications:	Battery Disc	connect 160A	A Po	art Number: 00-10	0041-100
	Battery Disc	connect 225A	A Po	art Number: 00-10	0041-150
Relay Contacts:	Wire Size	Amps Cont		Amps Intermittent,	30 secs
	2/0	225A		1200A	
	1/0	200A		1200A	
	1	160A		600A	
	2	130A		600A	
	4	100A		600A	
Maximum Dime			5-1/4" high	2" deep	
Mounting Holes:	Three 3/16	" Holes			
Connections		Chassis Battery		ing Terminal	
	Ir	nput Terminals	s #10 Rir	ng Terminal	
Environment:					
Waterproof:	IEC 60529	, IP66 IP67, A	STM B 117 9	6 Hours Salt Spray	
Ignition Proof:	SAE J1171				
	Mir	nimum	Typical	Maximum	
Coil Volts DC	9.	OVDC	12.0VDC	16.0VDC	
Coil Amps DC			10amps	0.5 sec max inte	ernally protected
Ambient Tempe	rature -	40°C		+60°C	
Switch Life	50,00	0 cycles			
	ional Ignition	1200A,	ATTERY BD 25 14-1-150 morra Imp 255ACont. 30 sects 20 in-lbs dd (c i) Sig (Off) Load		SWITCH =