

ADR MAGNETIC BATTERY DISCONNECT SWITCH

32V 250A ADR MAGNETIC BI-STABLE HEAVY-DUTY BATTERY ISOLATOR SWITCH



08075360

Description

The 32V 250A ADR Magnetic Battery Disconnect Switch Series comes as either a base battery isolator switch or as a complete kit with an ATmospheres EXplosible (ATEX)-compliant chassis switch, cabin toggle switch, switch protection cover, and harnesses.

Magnetic bi-stable retention means this battery disconnect switch uses a minimum current when it is turned on and zero current when is off. The magnetic ON-OFF position absorbs current only during the commuting phase: when switched from (OFF) to (ON) and vice versa. This is generally referred to as “bistable with zero consumption.”

While this magnetic cutoff switch is designed specifically for ADR (Accord Dangereux Routier) applications, it can be used for non-ADR applications that can utilize a programmable disconnect time delay (between 1 second and 1 hour).

Web Resources

Download 2D print, installation guide and technical resources at: littelfuse.com/ADR-Switch

Ordering Information

PART NUMBER	DESCRIPTION	AUXILIARY CONTACTS	CIRCUITRY	INPUT TERMINAL	OUTPUT TERMINAL
08075300	32V 250A ADR Magnetic Bi-Stable Battery Isolator Switch with ATEX-Compliant Kit	1x2A	SPST	M10	M10
08075360	32V 250A ADR Magnetic Bi-Stable Battery Isolator Switch	1x2A	SPST	M10	M10

Specifications

Max Voltage Rating:	32V
Max Continuous Current Rating:	250A
Operating Temp Range:	-40°C / +50°C
Ingress Protection:	IP67X9K
Coil Voltage:	12/24V
Circuitry:	SPST
Operating Temp Range:	-40°C / +80°C

Applications

- Heavy-Duty Trucks
- Agriculture
- Construction
- Mining
- Material Handling

Features and Benefits

- Designed specifically for ADR (Accord Dangereux Routier) applications
- Can be used for non-ADR applications that can utilize a programmable disconnect time delay (between 1 second and 1 hour)
- Magnetic bi-stable retention
- Continuous current rating of 250A, intermittent current rating of 1000A for 30 seconds, and short circuit rating of 2000A for 5 seconds
- Protected against dust and water IP67/X9K standards
- Single-pole, single-throw (SPST) circuitry
- 12-24V coil rating
- Integrated 7-way DIN connector
- 2A auxiliary contact
- Available as a base battery kill switch or as a kit with ATEX-compliant chassis switch, cabin toggle switch, switch protection cover, and harnesses