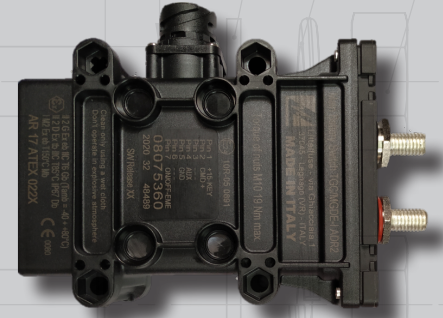


ADR SERIES MAGNETIC BATTERY MASTER SWITCH



DESIGNED FOR DANGEROUS GOODS CARRIAGE VEHICLES



The ADR (Accord Dangereux Routier) Battery Disconnect Switch is a magnetic, bistable current isolating switch designed for dangerous goods carriage vehicles. Its ON-OFF position is different than traditional current isolating switches. It uses a minimum current when it is turned on and zero when is off. The “magnetic ON-OFF position” absorbs current only during the commuting phase: when switched from (OFF) to (ON) and vice versa. Generally referred as “bistable with zero consumption”, the switch connects/disconnects the electric circuit to/from the battery.

ADR Series Features

- ADR (Accord Dangereux Routier) application
- Magnetic Bi-Stable Retention
- 12V-24V
- Switch OFF programmable delay available for Non-ADR applications
- Complete kit comes with Chassis Switch
- Complete kit comes with Cabin Switch with cover
- Integrated 7-way DIN connector
- M10 terminal studs

Ordering Information

PART NUMBER	DESCRIPTION
08075300	ADR Battery Disconnect Switch Complete Kit The Kit includes all the part numbers below.
08075360	ADR Battery Disconnect Switch
00227073	Chassis Switch ATEX Compliant w/Cover
00901560	Cabin Toggle Switch ATEX w/Red Silicon Cover
00900560	Switch Protection Cover
00712600	7-Way DIN Harness
00712500	4-Way DIN Harness

ADR Series Benefits

- Meets requirements for transportation of hazardous materials. Mining & Dust atmosphere application (according EU regulation).
- Magnetic field enables switching between two stable states. State change must be facilitated by a coil pulse. No opening risk at voltage drop.
- One P/N for 12V and 24V
- Allows Non-ADR vehicle subsystems to maintain power for a period of time after vehicle turned off
- External switch w/LED and cover, ATEX compliant
- ATEX (ATmospheres EXplosible) marking and ADR requirements compliance
- Control output to 7-way harness with kit
- IP54 ADR terminal protections

Web Resources

For more information and to download the datasheet, 2D Print and 3D Model, visit: Littelfuse.com/ADR


Datasheet

3D Model

2D Print