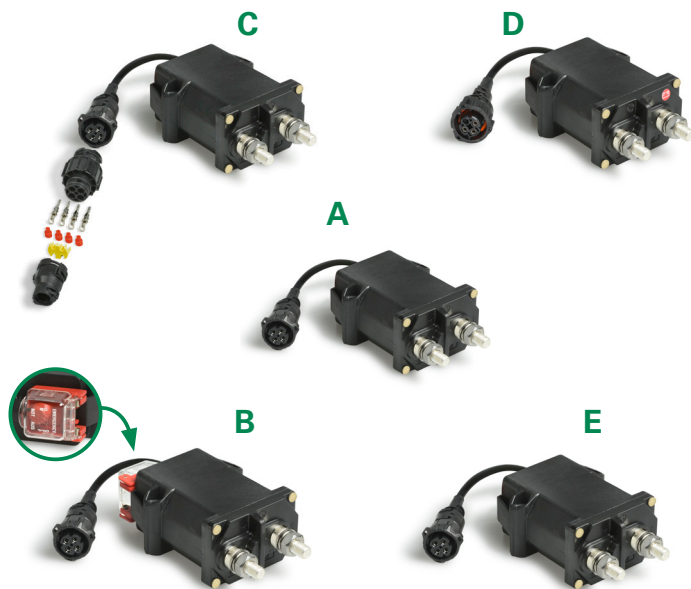


08070000 & 08094270 BATTERY DISCONNECT SWITCHES

250A • SPST • IP65/IP67-9K • M10 Studs • Electrical bistable remote control



Description

In shape and design the current isolating switches with mechanical ON-OFF position are very similar to the current isolating switches.

But there is one difference: while traditional current isolating switches require a minimum current when they are turned on, models with "mechanical ON-OFF position" absorb current only during the commuting phase or when switched from (OFF) to (ON) and vice versa. Generally referred to as "bistable with zero consumption," their switches turn to closed or open state of the electric circuit. They are ideally suited for commercial vehicles and trucks, as well as for boats, etc.

Features/Benefits

- 250A continuous current rating
- Waterproof IP65/IPX7

Ordering Information

PART NUMBER	VOLTAGE	POL.	AMPERAGE	CIRCUITRY	MOUNTING	INGRESS	TERMINAL NUTS	IMAGE	DIAGRAM	NOTES
08070000	24V DC	+	250A	SPST	Bolt-Down	IP65	M10 Silver-plated copper	A	1	Obsolete 6/18/2019
08070060	24V DC	+	250A	SPST	Bolt-Down	IP65	M10 Silver-plated copper	B	2	command switch
08070100	12V DC	+	250A	SPST	Bolt-Down	IP65	M10 Silver-plated copper	A	1	
08070160	12V DC	+	250A	SPST	Bolt-Down	IP65	M10 Silver-plated copper	B	2	command switch
08094270	24V DC	+	250A	SPST	Bolt-Down	IP65	M10 Silver-plated copper	C	3	male connector
08070500	12-24V DC	+	250A	SPST	Bolt-Down	IP67-9K	M10 Silver-plated copper	D	4	positive disconnection 30 sec/5min
08070600	12-24V DC	-	250A	SPST	Bolt-Down	IP67-9K	M10 Silver-plated copper	D	5	negative disconnection 30 sec/5min
08070700	12-24V DC	+	250A	SPST	Bolt-Down	IP67-9K	M10 Silver-plated copper	E	6	LVD prog. cut-off voltage 1 min
08070760	12-24V DC	+	250A	SPST	Bolt-Down	IP67-9K	M10 Silver-plated copper	E	6	LVD prog. cut-off voltage kit 1 min

Specifications

Max Operating Voltage:	12V DC 24V DC
Max Continuous Current:	250A
Intermittent Current:	2500A at 3 sec
Operating Temp:	-40 °C to +85 °C
Ingress Protection:	IP65: 08070000- 08070100 - 08070060 08070160 - 08094270 IP67-9K: 08070500 - 08070600 08070700-08070760
Contacts:	Silver plated copper
Terminals:	M10 (brass or stainless steel)

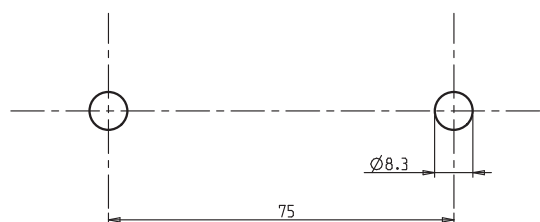
Applications

- Heavy trucks
- Buses
- Construction
- Commercial vehicles
- Agricultural
- Marine

Web Resources

Download technical resources at:
littelfuse.com/ElectricalBatteryDisconnectSwitches

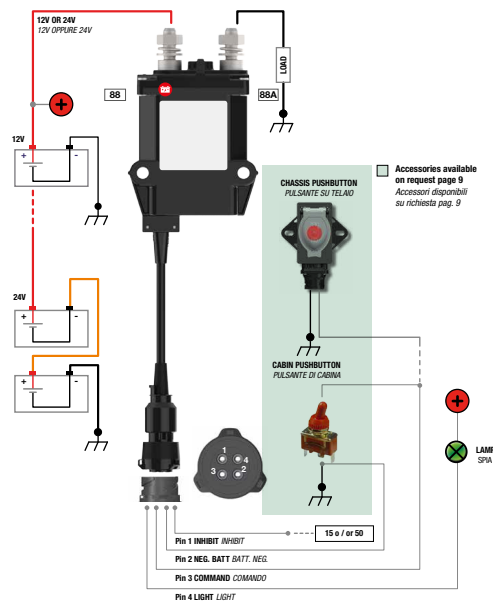
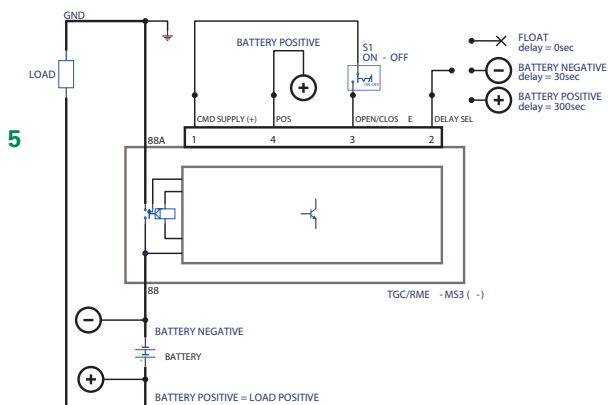
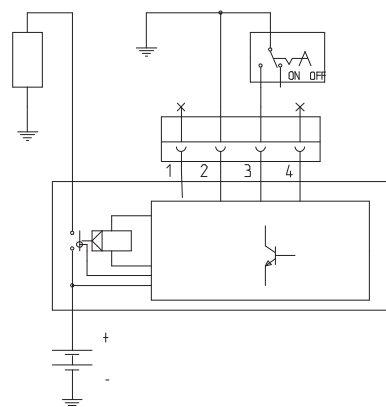
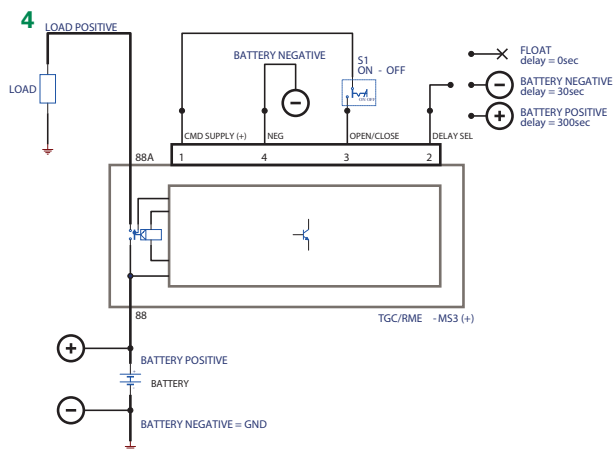
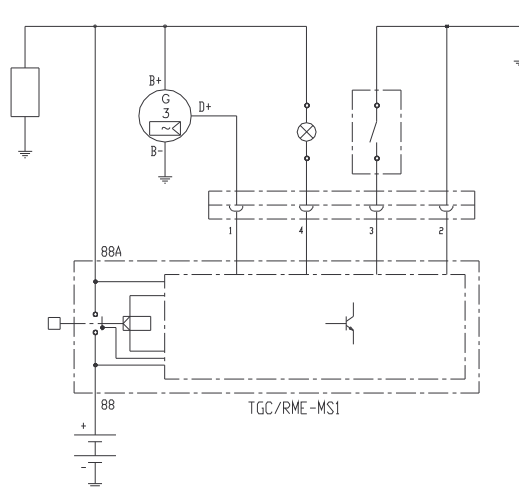
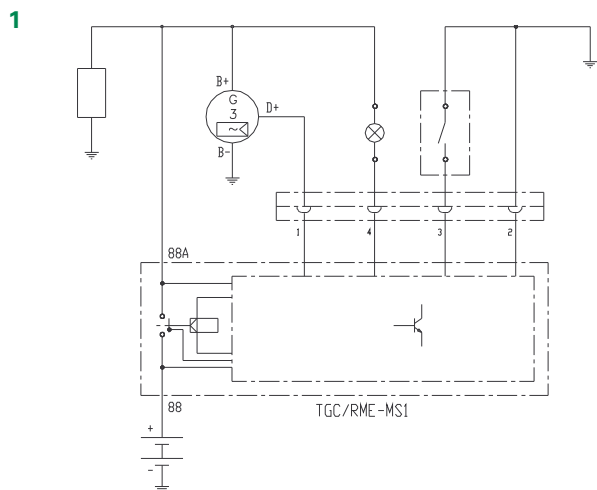
Mounting Diagram



08070000 & 08094270 BATTERY DISCONNECT SWITCHES

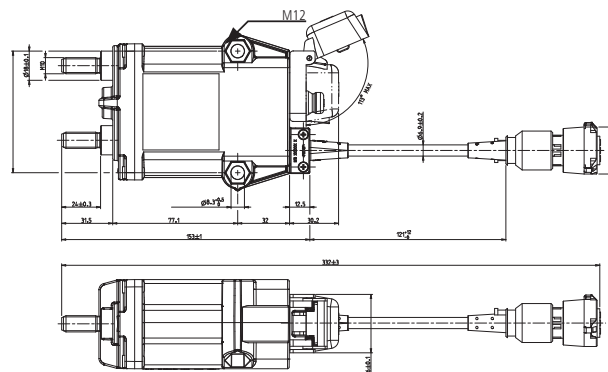
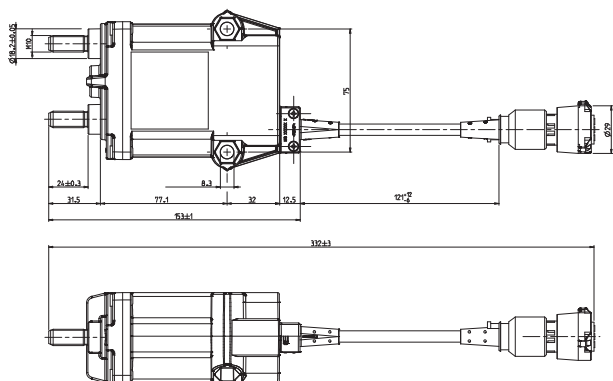
Electrical Diagram

All the range \pm disconnection separate coil feeding

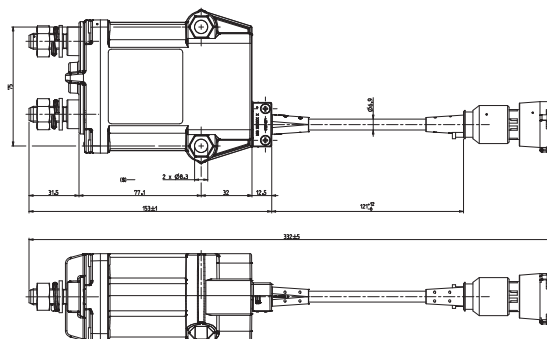
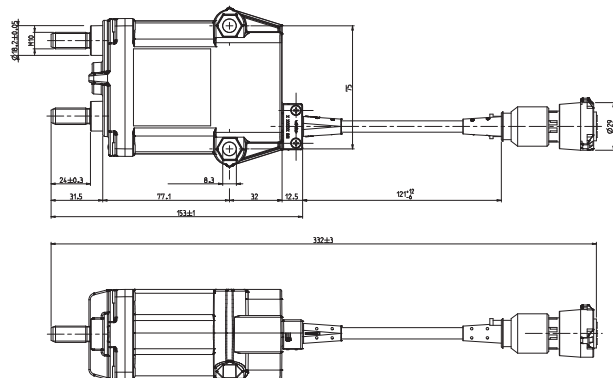


Dimensions in millimeters

08070060 - 08070160



08070700 - 08070760



Visit Littelfuse.com for the most up-to-date product information. Littelfuse reserves the right to make product changes, without notice. Material in this document is as accurate as known at the time of publication.