

Motorized Battery Switch Dual Modes with VSR

300 Amps DC

General Operation

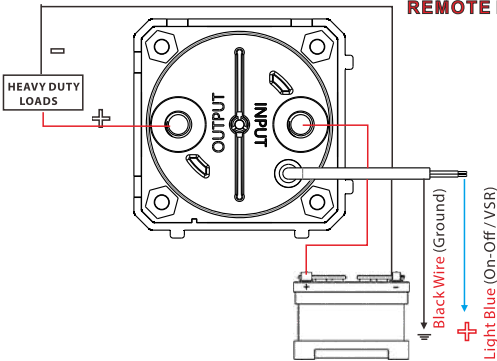
The Motorized Battery Switch has two modes On-Off and VSR modes by connect the Light Blue wire to V+ for VSR mode,



Continuous Rating	300 Amps DC
Intermittent Rating	500 Amps DC 5 min.
Cranking Rating	900 Amps DC 30 sec.
Maximum Voltage	16 Volts DC
Auto Operating Range	9.5V to 16 Volts DC
Power Draw	Switch Off : 12mA Switch On : 15mA
Switch Operating	120mA for 3 sec at 12V Norminal -22°F to 284°F
Housing	Thermal plastic UL rated 94V0
Mounting	Recessed or Surface
Standard	meet S.A.E. J1625,J1171,ABYC E-11 UL1500 (Ignition protection)
Stud size	2pcs 3/8" -16
Torque rating	88in-lb (10Nm) max.
Studs and Nuts	Copper with Tin plated

REMOTE MODE

Remote LED	BATTERY STATUS	REASON
UP LED	Load Output	Auto ON
DN LED	No Load	Auto OFF
	Load Output	Man ON
	No Load	Man OFF
	Under 9.5V/Over 16V-> Fault	Auto ON Remote Off

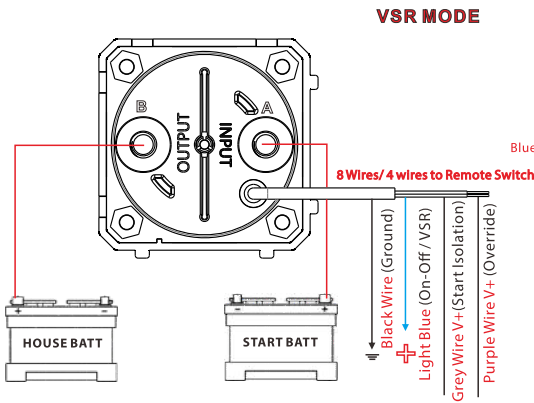


REMOTE MODE

9 Pins Remote	
12V+	
12V+	
Ground	

VSR MODE

LED	BATTERY STATUS	REASON
Fast Flash	A No Connection Under 9.5V / Over 16V	A Fault Disable Remote
Fast Flash	B No Connection Under 9.5V / Over 16V	B Fault Disable Remote
Slow Flash	A 13V (2Min) --> Combine 13.6V(30Sec) --> Combine	A Charging
Slow Flash	B 13V (2Min) --> Combine 13.6V(30Sec) --> Combine	B Charging
Solid Yellow	A & B Under 12.75V (30Sec) Under 12.25V(10Sec) --> Discombine	Discharging
Solid Yellow	A Under 9.5V / Over 16V --> Discombine B Under 9.5V / Over 16V --> Discombine	Fault during Combine
Slow Flash	A Isolated / Start Isolation	Start Isolation wire is energised to V +
Fast Flash	3 Sec --> Combine Override	Override wire is energised to V +



VSR MODE

9 Pins Remote	
12V+	
12V+	
Ground	

