



Mini Automatic Charging Relay (D-VSR)



P/N: 6601

Installation Manual & General Specifications

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*** DISCONNECT ALL BATTERY OR OTHER POWER SOURCES FROM ELECTRICAL SYSTEM BEFORE INSTALLING PRODUCT TO PREVENT ELECTRICAL SHOCK OR PRODUCT DAMAGE**

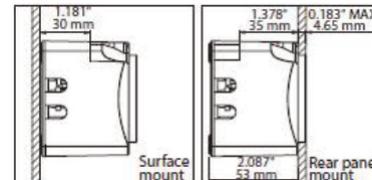
** These instructions are intended to provide assistance with the installation of this product, and are not a substitute for a more comprehensive understanding of electrical systems. We strongly recommend that a competent electrical professional perform the installation of this product*

Specifications

Nominal Voltage (Vdc) (Auto Sensing)	12	24
Operating Voltages - Combine (Vdc)	13.3	26.6
Operating Voltages - Open (Vdc)	12.8	25.6
Continuous Current (Amps)	125	
Intermittent Current (Amps)	140	
Low Voltage Lockout (Vdc)	9.5	19.0
Over Voltage Lockout (Vdc)	16.0	30.0
Operating Current Draw (mA)	270	
Operating Current (mA) Standby	3	
Terminal Studs	M6 (1/4")	
Ingress Protection	IP67	
Ignition Protection	ISO 8846 / SAE J1171	
Housing Material	Glass-Fiber Nylon	

Installation Instructions

1. Disconnect the ring terminal from BAT stud.
2. Connect start battery to the "ENG" terminal stud, connect house battery to the "BAT" terminal stud.
3. Connect ground to the GND quick connect position of the DVSR
4. Connect the "KEY" ring terminal to BAT stud, or alternatively, cut the wire and connect it to a Vdc+ ignition switch to completely shut off the DVSR when not in use.
5. Optional - Remote LED - Use 12V or 24V as appropriate for application. Connect LED negative to "LED" terminal. Connect LED positive to +Vdc source with appropriate circuit protection inline.
6. Optional - Manual Override - connect ground wire to "MANU" and run to a switch. When ground is applied to manual, the device will turn on.
7. Mount the DVSR in either the panel or surface mount orientation.



System Diagram

