

IP66

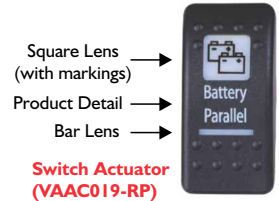
Switch Units

Part Number	Description	Switching*	LED Indication	Rating
V1D1001-RP	Switch Unit Single Pole	On / Off	Blue Backlight / Green On	12VDC, 20A
V2D1001-RP	Switch Unit Single Pole	(On) / Off	Blue Backlight	12VDC, 20A
V8D1001-RP	Switch Unit Single Pole	(On) / Off / (On)	Blue Backlight	12VDC, 20A

*(ON) = Momentary switch, must be held in ON position.

Switch Actuators

Part Number	Description	Marking
VAAC001-RP	Actuator with Square Lens & Bar Lens	(No marking)
VAAC002-RP	Actuator with Square Lens & Bar Lens	Air Compressor
VAAC003-RP	Actuator with Square Lens & Bar Lens	Front Locker
VAAC004-RP	Actuator with Square Lens & Bar Lens	Rear Locker
VAAC005-RP	Actuator with Square Lens & Bar Lens	Fog Lights
VAAC006-RP	Actuator with Square Lens & Bar Lens	Driving Lights
VAAC007-RP	Actuator with Square Lens & Bar Lens	Reverse Lights
VAAC008-RP	Actuator with Square Lens & Bar Lens	Interior Light
VAAC009-RP	Actuator with Square Lens & Bar Lens	Roof Lights
VAAC010-RP	Actuator with Square Lens & Bar Lens	LED Light Bar
VAAC011-RP	Actuator with Square Lens & Bar Lens	Work Lights
VAAC012-RP	Actuator with Square Lens & Bar Lens	Accessories
VAAC013-RP	Actuator with Square Lens & Bar Lens	Winch Isolator
VAAC014-RP	Actuator with Square Lens & Bar Lens	Fuel Transfer
VAAC015-RP	Actuator with Square Lens & Bar Lens	Auxiliary Lights
VAAC016-RP	Actuator with Square Lens & Bar Lens	Auxiliary Battery
VAAC017-RP	Actuator with Square Lens & Bar Lens	Power
VAAC018-RP	Actuator with Square Lens & Bar Lens	12V Outlet
VAAC019-RP	Actuator with Square Lens & Bar Lens	Battery Parallel
VA9C002-RP	Actuator with Square Lens Only	Winch
VA9C003-RP	Actuator with Square Lens Only	Horn



Complete Switch Actuator + Switch Unit

Mounting Panel & Accessories

Part Number	Description
VMS01-RP	Stand-alone Mounting Panel. No further parts required.
VMM01-RP	Modular Mounting Panel (Middle), Requires Ends.
VME01-RP	Modular Mounting Panel (End), Reversible.
VPS	Switch Unit Panel Seal
VHP01	Hole Plug, Snap Mount, Blank. NEW
VRT	Dual Purpose Removal Tool. Removes Actuator & Switch Body.
PPCC002L	2 Port USB Charger, output 5V-2.4A/2.4A in LED & Cover IP64.



VRT Removal Tool



VMS01-RP
Stand-alone Panel



VMM01-RP
Middle Panel



VME01-RP
End Panel



Assembled Panel Example
2 x VME01-RP, 1 x VMM01-RP

Actuator: Black, hard optical grade polycarbonate, Nylon 66 overlay.

Switch Housing: Thermoplastic polyester alloy, flame retardant.

Switch Mechanism: Brass roller pin eliminates need for lubricants.

Terminals: 1/4" Quick Connect, tin plated. **Contacts:** Silver plated.

Endurance: 50,000 to 100,000 electrical cycles.

Operating Temp: -40°C to 85°C

Backlighting LED: Blue controlled intensity for even illumination.

Ingress Protection Rating: Dual seal protection locks out elements.

Certified to IP66/IP68 for front panel components.

Panel seal prevents water/dust ingress into the panel.

Pack Size: 1, 10, 60

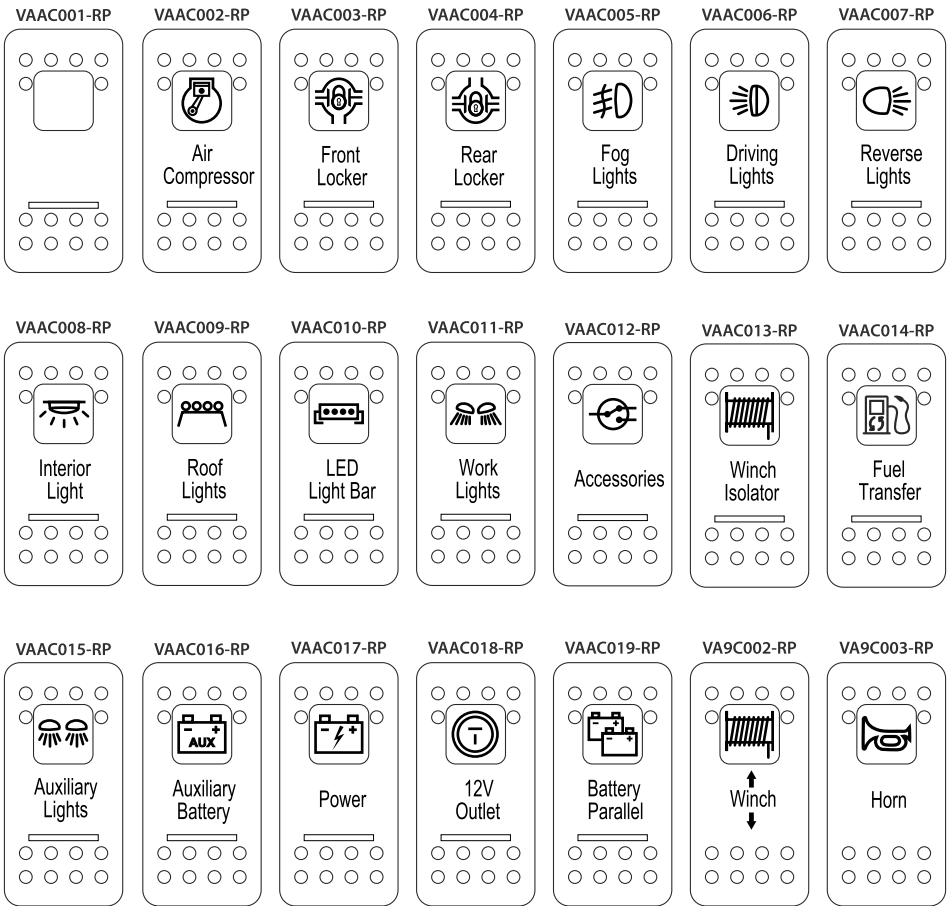


VHP01
Hole Plug

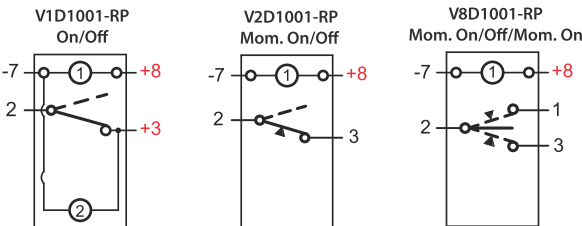


VPS
Switch Unit
Panel Seal

Actuator Schematics



Switch Circuit Diagrams



Symbol Description

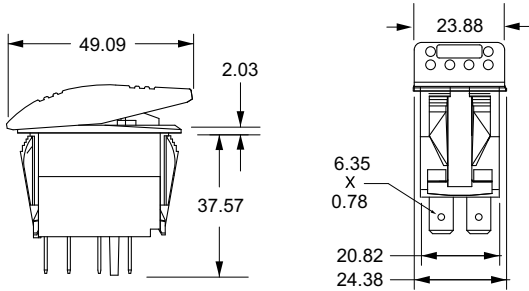
○	Terminals & Contacts
○	LED location
—○	Maintained Circuits
— —	Other Position
○	Momentary Circuits

Terminal Descriptions

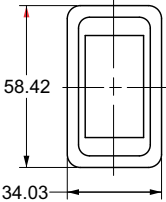
1. Switched positive out (+)
2. 12VDC positive in (+)
3. Switched positive out (+)
7. Common LED negative (-)
8. Dash lights positive (+)

Dimensions

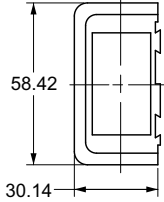
Switch Unit Dimensions



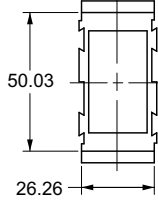
VMS01-RP Dimensions



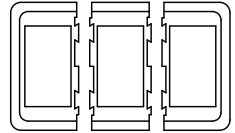
VME01-RP Dimensions



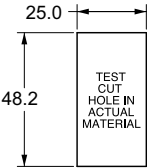
VMM01-RP Dimensions



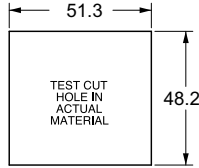
Switch panels are ganged together.



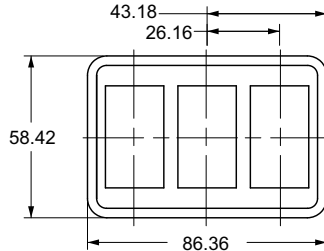
1 Switch Mounting Hole VMS01-RP x 1



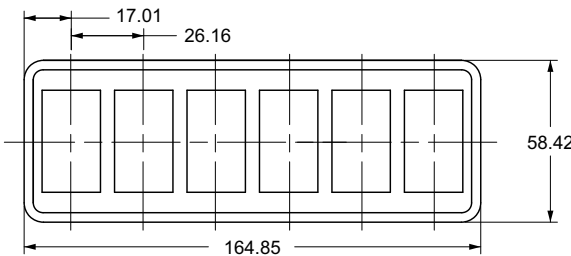
2 Switch Mounting Hole VME01-RP x 2



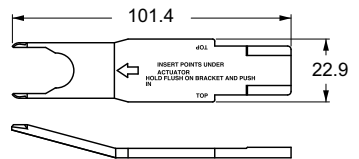
3 Switch Mounting Panel VME01-RP x 2, VMM01-RP x 1



6 Switch Mounting Panel VME01-RP x 2, VMM01-RP x 4



VRT Removal Tool



Dimensions are in MM

Panel Mount Thickness Options: 1.57, 2.36, 3.17, 4.75, 6.35 & 9.52mm