

Switch Units

Part Number	Switch Type	Switching*	LED Indication	Rating
VID1001	Single Pole	On / Off	Blue Backlight / Green On	12VDC, 20A
V2D1001	Single Pole	(On) / Off	Blue Backlight	12VDC, 20A
V8D1001	Single Pole	(On) / Off / (On)	Blue Backlight	12VDC, 20A

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

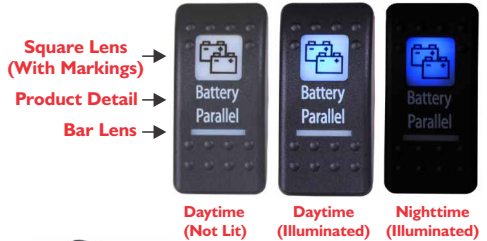
IGNITION
PROTECTED

IP66

IP68

Switch Actuators Contura II

Part Number	Actuator Type	Marking
VAAC001	Square & Bar Lens	(No Marking)
VAAC002	Square & Bar Lens	Air Compressor
VAAC003	Square & Bar Lens	Front Locker
VAAC004	Square & Bar Lens	Rear Locker
VAAC005	Square & Bar Lens	Fog Lights
VAAC006	Square & Bar Lens	Driving Lights
VAAC007	Square & Bar Lens	Reverse Lights
VAAC008	Square & Bar Lens	Interior Light
VAAC009	Square & Bar Lens	Roof Lights
VAAC010	Square & Bar Lens	LED Light Bar
VAAC011	Square & Bar Lens	Work Lights
VAAC012	Square & Bar Lens	Accessories
VAAC013	Square & Bar Lens	Winch Isolator
VAAC014	Square & Bar Lens	Fuel Transfer
VAAC015	Square & Bar Lens	Auxiliary Lights
VAAC016	Square & Bar Lens	Auxiliary Battery
VAAC017	Square & Bar Lens	Power
VAAC018	Square & Bar Lens	12V Outlet
VAAC019	Square & Bar Lens	Battery Parallel
VA9C002	Square Lens Only	Winch
VA9C003	Square Lens Only	Horn
VVPZC00-000	Laser Etchable	Blank / Custom NEW



Completed Switch Actuator + Switch Unit



Switch Actuator Contura V Laser Etchable Rear Lens

Mounting Panel Brackets & Accessories

Part Number	Accessory Description
VMS01	Stand-alone Mounting Panel Bracket. No Further Parts Required.
VMM01	Modular Mounting Panel Bracket (Middle Unit), Requires Ends.
VME01	Modular Mounting Panel Bracket (End Unit), Reversible.
VPS	Switch Unit Panel Seal.
VCH01-K	Connector Kit - 8 x Female 1/4" QC Terminals 16-14AWG. NEW
VHP01	Hole Plug, Snap Mount, Blank Insert. NEW
VRT	Dual Purpose Removal Tool. Removes Actuator & Switch Body.



VHP01 Hole Plug



VPS Panel Seal



VMS01 Stand Alone Panel



VMM01 Middle Panel



VME01 End Panel



2x VME01 + 1x VMM01 Assembled Panels Example



Ex: Completed Panel 3x Panels & Switches

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.


Ignition Protected: Sealed construction. UL1500 / ISO8846, 94/25/EC.

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.

Operating Temp: -40°C to 85°C **Approvals:** 

Bulk Pack Size: 1, 10, 20, 100 **Retail Pack Size:** 1, 10

Actuator Removal

Switch Removal

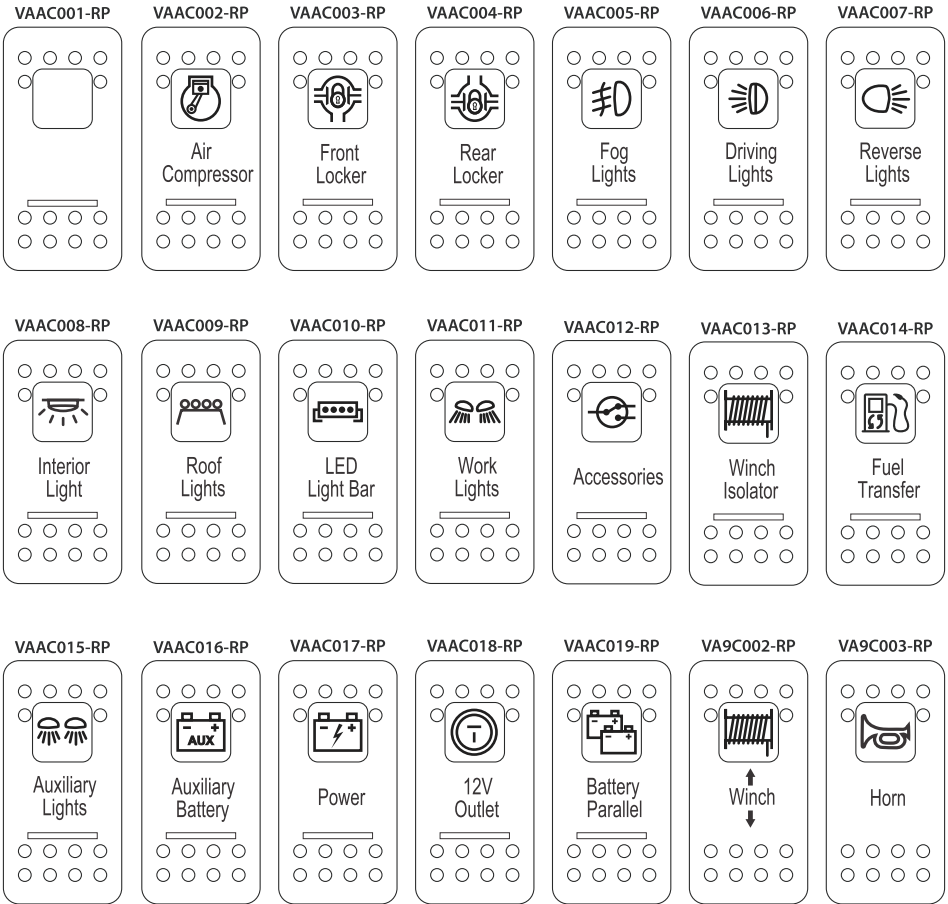


Removal Tool VRT
101.4 x 22.9mm

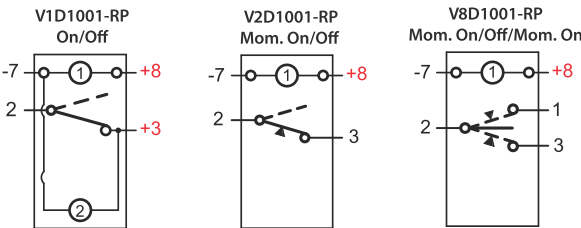


VCH01-K Connector Kit

Actuator Schematics



Switch Circuit Diagrams



Symbol Description

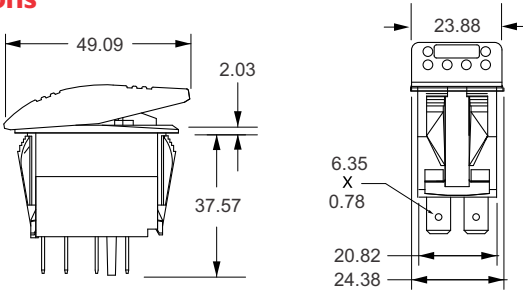
	Terminals & Contacts
	LED location
	Maintained Circuits
	Other Position
	Momentary Circuits

Terminal Descriptions

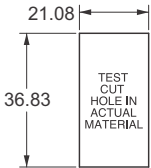
1. Switched positive out (+)
2. 12VDC positive in (+)
3. Switched positive out (+)
7. Common LED negative (-)
8. Dash lights positive (+)

Dimensions

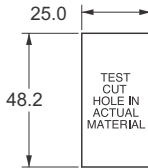
Switch Unit Dimensions



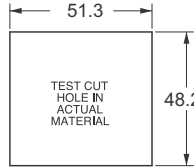
Switch Mounting Hole for single switch installation directly into material.



Mounting Panel Mounting Hole VMS01-RP x 1



2 x Mounting Panels Mounting Hole VME01-RP x 2



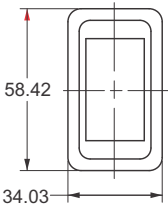
Dimensions in MM

Acceptable Panel Thickness Range

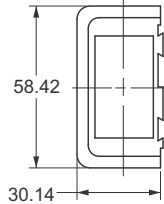
No Gasket: 0.76mm to 6.35mm
 With Gasket: 0.76 to 2.77mm & 3.73 to 3.98mm

Recommend no gasket with panel thickness of; 0.81, 1.58, 2.36, 3.18, 4.75 or 6.36mm

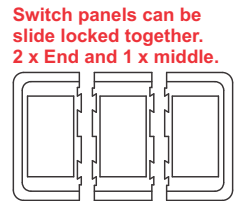
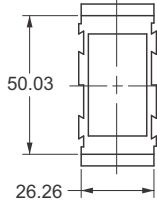
VMS01-RP Dimensions



VME01-RP Dimensions

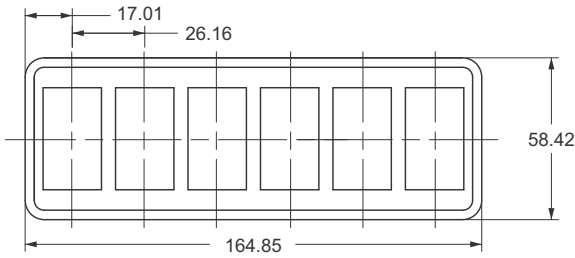


VMM01-RP Dimensions



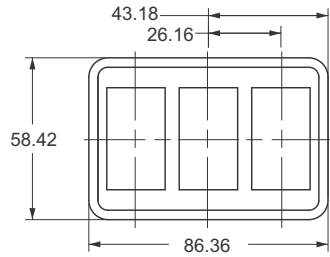
Dimensions continued on page 4

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



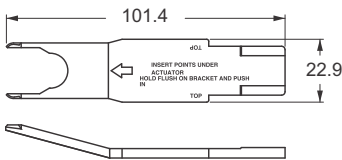
Panel Mount Thickness Options: 1.57, 2.36, 3.17, 4.75, 6.35 & 9.52mm

3 x Mounting Panels Joined
2 x VME01-RP, 1 x VMM01-RP



Dimensions in MM

VRT Removal Tool



Dimensions are in MM