ROCKER SWITCHES, ACTUATORS & BRACKETS CONTURA II

Carling Technologies
Innovative Designs, Powerful Solutions.

Switch Units

Part Number	Switch Type	Switching*	LED Indication	Rating
V1D1001-RP	SPST	On / Off	Blue Backlight / Green On	12VDC, 20A
V2D1001-RP	SPST	(On) / Off	Blue Backlight	12VDC, 20A
V8D1001-RP	SPDT	(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-RP	Square & Bar Lens	(No Marking)
VAAC002-RP	Square & Bar Lens	Air Compressor
VAAC003-RP	Square & Bar Lens	Front Locker
VAAC004-RP	Square & Bar Lens	Rear Locker
VAAC005-RP	Square & Bar Lens	Fog Lights
VAAC006-RP	Square & Bar Lens	Driving Lights
VAAC007-RP	Square & Bar Lens	Reverse Lights
VAAC008-RP	Square & Bar Lens	Interior Light
VAAC009-RP	Square & Bar Lens	Roof Lights
VAAC010-RP	Square & Bar Lens	LED Light Bar
VAAC011-RP	Square & Bar Lens	Work Lights
VAAC012-RP	Square & Bar Lens	Accessories
VAAC013-RP	Square & Bar Lens	Winch Isolator
VAAC014-RP	Square & Bar Lens	Fuel Transfer
VAAC015-RP	Square & Bar Lens	Auxiliary Lights
VAAC016-RP	Square & Bar Lens	Auxiliary Battery
VAAC017-RP	Square & Bar Lens	Power
VAAC018-RP	Square & Bar Lens	12V Outlet
VAAC019-RP	Square & Bar Lens	Battery Parallel
VA9C002-RP	Square Lens Only	Winch
VA9C003-RP	Square Lens Only	Horn
VVPZC00-000	Laser Etchable	Blank / Custom

Black symbol on white translucent lens with special blue LED.



Mounting Panel Brackets & Accessories

Part Number	Accessory Description	
VMS01-RP	Stand-alone Mounting Panel Bracket. No Further Parts Required.	
VMM01-RP	Modular Mounting Panel Bracket (Middle Unit), Requires Ends.	
VME01-RP	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.	



3x Panels & Switches



VMS01 Stand Alone Panel



VMM01 Middle Panel



VME01 End Panel



VHP01 Hole Plug

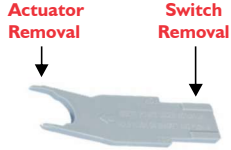


VPS Switch Panel Seal



2x VME01 + 1x VMM01 Assembled Panels Example

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

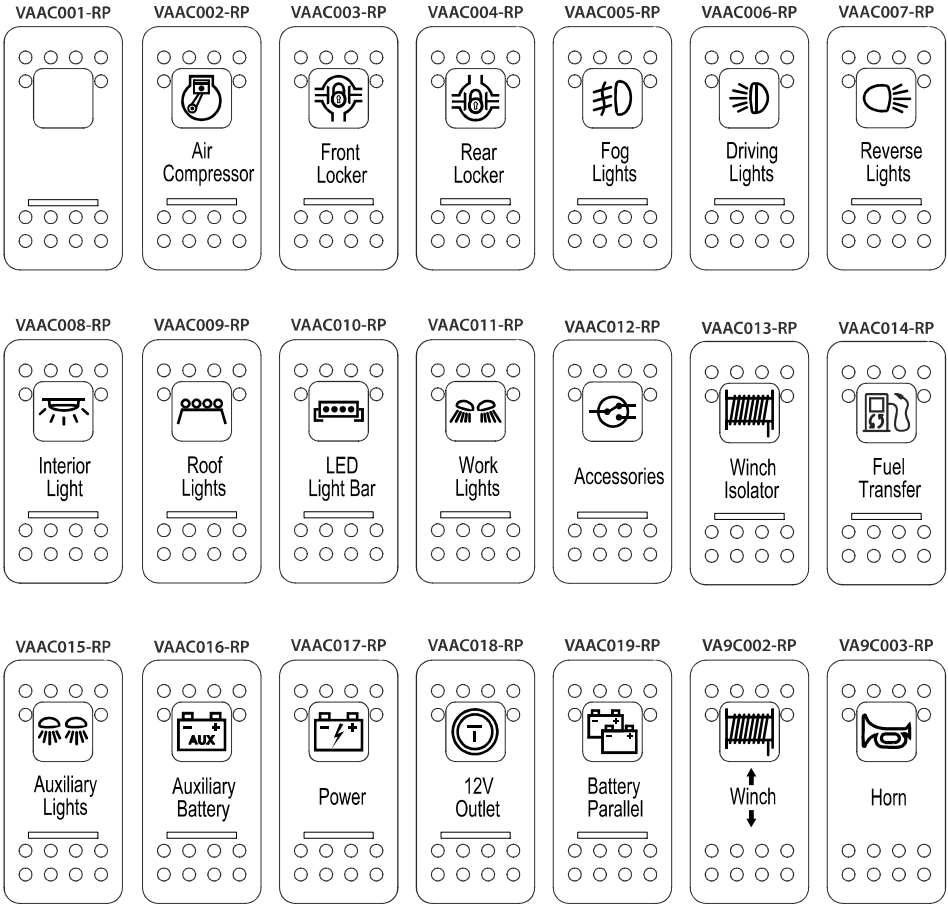


Removal Tool VRT
101.4 x 22.9mm

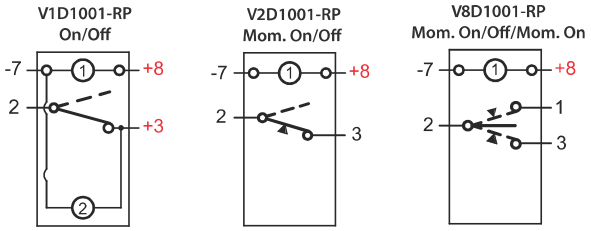


VCH01-K Connector Kit

Actuator Schematics



Switch Circuit Diagrams



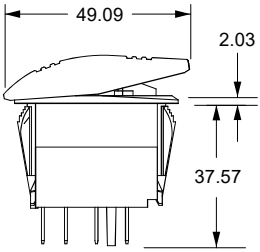
Symbol	Description
○	Terminals & Contacts
◯	LED location
○—○	Maintainted Circuits
— —	Other Position
○—▼—○	Momentary Circuits

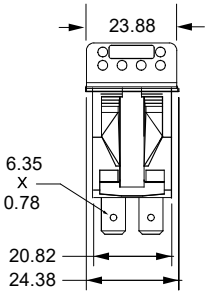
Terminal Descriptions

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

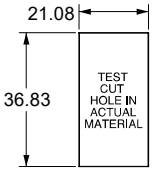
Dimensions

Switch Unit Dimensions

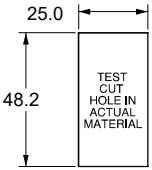




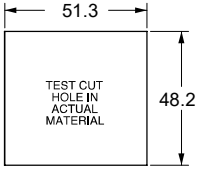
Switch Mounting Hole for single switch installation directly into material.



Mounting Panel Mounting Hole VMS01-RP x 1



2 x Mounting Panels Mounting Hole VME01-RP x 2

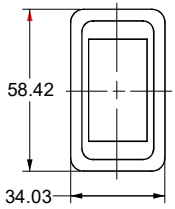


Dimensions in MM

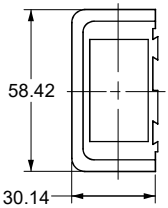
Acceptable Panel Thickness Range
No Gasket: 0.76mm to 6.35mm
With Gasket: 0.76 to 2.77mm & 3.73 to 3.98mm

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

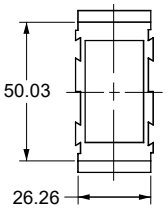
VMS01-RP Dimensions



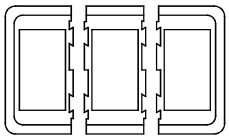
VME01-RP Dimensions



VMM01-RP Dimensions

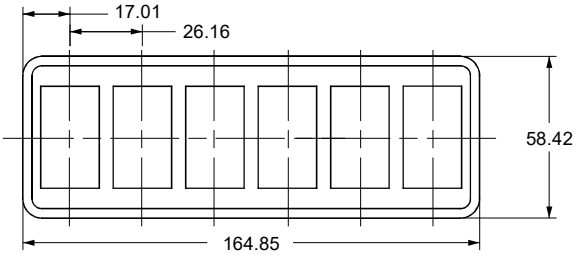


Switch panels can be slide locked together. 2 x End and 1 x middle.

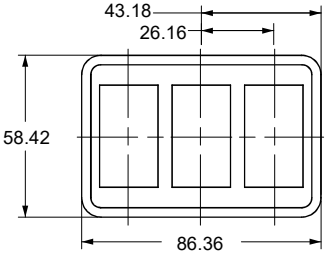


Dimensions continued on page 4

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



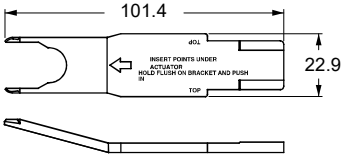
3 x Mounting Panels Joined
2 x VME01-RP, 1 x VMM01-RP



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

Dimensions in MM

VRT Removal Tool



Dimensions are in MM