

# SWITCHES & CONTROLS

*Rocker, Toggle, Pushbutton & Rotary*



**SELECTOR GUIDE**

## SEALED SWITCHES

	 <i>V-Rotary</i>	 <i>ST-Series</i>	 <i>V-Series</i>	 <i>W-Series</i>	 <i>L-Series</i>
<b>Poles</b>	one, two	one, two	one, two	one, two	one, two
<b>Ratings</b>	dry circuit to 15A 24VDC 15A 150VAC 10A 250VAC	20A 12V 20A 18V 15A 24V 15A 125VAC 10A 250VAC	dry circuit to 15A 24VDC 15A 150VAC 10A 250VAC	dry circuit to 10A 24VDC	dry circuit to 15A 125VAC 10A 250VAC 20A 18VDC
<b>Sealed Actuator</b>	IP67, ergonomic knob	IP68, bat	IP68, rocker, paddle, locking rocker	IP68 including connector, bezel-less rocker, paddle & locking rocker	IP67, rocker, paddle, locking rocker
<b>Mounting Hole Specifications</b>	.830" x 1.450" [21.08mm x 36.83mm] snap-in mount	.500" dia [12.7mm] bushing mount	.830" x 1.450" [21.08mm x 36.83mm] snap-in mount	.830" x 1.450" [21.08mm x 36.83mm] snap-in mount	.867" x 1.734" [22mm x 44mm] snap-in mount
<b>Termination</b>	.250 tabs solder lug wire leads	.250 tabs screw terms	.250 tabs solder lug wire leads	.110 tabs	.187 tab .250 tabs
<b>Illumination</b>	LED	n/a	incandescent, LED, neon	LED	incandescent, LED
<b>Approvals</b>	pending	UL, CUL pending	UL, CSA, VDE	n/a	n/a

### FULL-SIZED ROCKERS

### MINIATURE AND SUB-MINIATURE ROCKERS

	 <i>S-Series</i>	 <i>LS / TIL / LTIL TIG / LTIG</i>	 <i>RR / LRR</i>	 <i>R / LRA / RSC RG / LRG</i>	 <i>620 / 621 / 622 632 / 651</i>	 <i>T / LTA / TG / LTG</i>
<b>Poles</b>	one, two	one, two	one	one, two	one, two	one, two
<b>Ratings</b>	dry circuit to 10A 28VDC	dry circuit to 15A 125VAC 10A 250VAC	up to 12A 125VAC 10A 250VAC	up to 20A 125VAC 15A 250VAC	dry circuit to 12A 125VAC 10A 250VAC 8A 250VAC 1/2 HP 125- 250VAC	up to 20A 125VAC 10A 250VAC
<b>Sealed Actuator</b>	bezel-less rocker	rocker, paddle	rocker	rocker, paddle	rocker, paddle	rocker, lever, paddle, plunger, toggle (bat)
<b>Mounting Hole Specifications</b>	.787" x 1.575" snap-in, keyed	.830" x 1.450" [21.08mm x 36.83mm] snap-in mount screw mount	.795" [20.2mm] round snap-in mount	.480" x 1.072" [12.19mm x 27.23mm] .866" x 1.182" [22mm x 30mm] snap-in mount	.508" x .756" [12.9mm x 19.2mm] snap-in mount	.550" x 1.125" [13.97mm x 28.57mm] 1.00" x 1.125" [25.4mm x 28.57mm] snap-in mount
<b>Termination</b>	.110 Tabs	.187 tab solder lug .250 tabs screw terms wire leads	.187 tab	.250 tabs solder lug wire leads PC terms	.187 tab solder lug wire leads PC terms	.187 tab solder lug wire leads .250 tabs wire leads
<b>Illumination</b>	LED	incandescent, neon	incandescent, neon	incandescent, neon	incandescent, LED, neon	incandescent, neon
<b>Approvals</b>	n/a	UL, CSA, VDE	UL, CUL	UL, CSA, VDE	UL, CSA, VDE	UL, CSA

\*Options and approvals shown may apply to specific construction combinations only, consult factory for clarification.






## CONTROLS




	 <i>LD Dimmer</i>	 <i>LMR Mirror</i>	 <i>LW Wiper</i>	 <i>N-Series</i>	 <i>V-Charger</i>
<b>Poles</b>	multi-function	multi-function	multi-function	one	one
<b>Ratings</b>	up to 10A 28VDC 15A 14VDC	up to 1A 12VDC .5A 24VDC	up to 8A 14VDC 4A 28VDC	.4VA 28VDC	12V/24V DC
<b>Actuator</b>	rocker, paddle	joystick	rocker, paddle	rocker, paddle with bezel	sealed spring-loaded access doors
<b>Mounting Hole Specifications</b>	.867" x 1.734" [22mm x 44mm] snap-in mount	.867" x 1.734" [22mm x 44mm] snap-in mount	.867" x 1.734" [22mm x 44mm] snap-in mount	.867" x 1.734" [22mm x 44mm] snap-in mount	.830" x 1.450" [21.08mm x 36.83mm] snap-in mount
<b>Termination</b>	.250 tabs	wire leads with connector	.187 tabs	.187 tabs	.250 tabs
<b>Illumination</b>	incandescent, LED	n/a	LED	LED	LED
<b>Approvals</b>	n/a	n/a	n/a	n/a	n/a

## TOGGLE SWITCHES

	 <i>LT-Series</i>	 <i>F / G / H / I</i>	 <i>C / D</i>	 <i>110-Series</i>	 <i>DK / EK</i>	 <i>MAAOA / 215</i>
<b>Poles</b>	one, two	one, two, three, four	one	one, two	one, two	one
<b>Ratings</b>	dry circuit to 15A 125VAC 10A 250VAC	dry circuit to 20A 125VAC 20A 277VAC	up to 20A 125VAC 10A 250VAC	up to 6A 125VAC/DC 3A 250VAC/DC	up to 20A 125VAC/DC 10A 250VAC/DC	up to 20A 125VAC 10A 250VAC 1/2HP 125- 250VAC
<b>Actuator</b>	paddle, toggle (bat)	paddle, toggle (bat)	paddle, toggle (bat)	toggle (bat), toggle (ball)	toggle (bat), toggle (ball)	toggle (bat)
<b>Mounting Hole Specifications</b>	.500" dia [12.7mm] bushing mount	.500" dia [12.7mm] bushing mount	.500" dia [12.7mm] bushing mount	.500" dia [12.7mm] bushing mount	.500" dia [12.7mm] bushing mount	.656" x 1.218" [16.66mm x 30.54mm] snap-in mount
<b>Termination</b>	.187 tabs solder lug .250 tabs screw terms wire leads PC terms	.187 tabs solder lug .250 tabs screw terms wire leads PC terms	.250 tabs solder lug screw terms wire leads	solder lug .250 tabs screw terms wire leads	screw terms	.250 tabs screw terms wire leads
<b>Illumination</b>	incandescent, neon	n/a	n/a	n/a	n/a	n/a
<b>Approvals</b>	n/a	UL, CSA	UL, CSA	UL, CSA	UL, CSA	UL, CSA

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PUSHBUTTON					
	 <i>16-3P</i>	 <i>170 / 172</i>	 <i>P26 / P27</i>	 <i>641 / 110</i>	 <i>P / PP</i>
<b>Poles</b>	one	one	one	one, two, three	one
<b>Ratings</b>	up to 3A 125VAC	up to 15A 125VAC 10A 250VAC	dry circuit to 6A 125VAC 3A 277VAC	up to 5A 125VAC 2A 250VAC	up to 20A 125VAC 10A 250VAC
<b>Mounting Hole Specifications</b>	.500" dia [12.7mm] bushing mount	.500" dia [12.7mm] bushing mount	.500" dia [12.7mm] bushing mount	.500" dia [12.7mm] bushing mount	.500" dia [12.7mm] bushing mount
<b>Termination</b>	solder lug wire leads	solder lug screw terms wire leads	.250 tabs solder lug wire leads	solder lug wire leads PC terms	.250 tabs screw terms wire leads
<b>Approvals</b>	UL, CSA	UL, CSA	UL, CSA	UL, CSA	UL, CSA, TUV

ROTARY			
	 <i>R135</i>	 <i>700 / 800</i>	 <i>V-Rotary</i>
<b>Poles</b>	one	one	one, two
<b>Ratings</b>	1.5A 250VAC 3A 125VAC 5A 12VDC	up to 3A 250VAC 6A 125VAC	dry circuit to 15A 24VDC 15A 150VAC 10A 250VAC
<b>Actuator</b>	round	asymmetrical	ergonomic knob
<b>Mounting Hole Specifications</b>	.375" dia [9.52mm] bushing mount .500" dia [12.7mm] snap-in mount	.500" dia [12.7mm] bushing mount	.830" x 1.450" [21.08mm x 36.83mm] snap-in mount
<b>Termination</b>	wire leads	.187 tab solder lug .250 tabs	.250 tabs solder lug wire leads
<b>Illumination</b>	n/a	n/a	LED
<b>Approvals</b>	UL, CSA	UL, CSA	pending

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\*Manufacturer reserves the right to change product information without prior notice