

SWITCHES & CONTROLS

Rocker, Toggle, Pushbutton, Rotary & Keypad



SELECTOR GUIDE

SEALED SWITCHES

	 <i>V-Rotary</i>	 <i>ST-Series</i>	 <i>V-Series</i>	 <i>W-Series</i>	 <i>L-Series</i>
Poles	1, 2	1, 2	1, 2	1, 2	1, 2
Ratings	up to 15A 12/24VDC	16A, 12/24V	up to 20/15A 12/24VDC 15A 125VAC 10A 250VAC	up to 10A 24VDC	up to 15A 125VAC 10A 250VAC 20A 18VDC
Sealing / Actuator	IP67, rotary knob	IP68, bat	IP66/68, rocker, paddle, locking rocker	IP68 including connector, bezel-less rocker, paddle & locking rocker	IP67, rocker, paddle, locking rocker
Mounting Hole Specifications	.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
Termination	.250 tabs solder lug wire leads	.250 tabs Screw Terminals with cage clamps	.250 tabs solder lug wire leads	.110 tabs	.187 tab .250 tabs
Illumination	incandescent, LED, neon	n/a	incandescent, LED, neon	LED	incandescent, LED
Approvals	pending	UL, cUL pending	UL, CSA	n/a	n/a

FULL-SIZED ROCKERS

MID-SIZED AND SMALL-SIZED ROCKERS

	 <i>S-Series</i>	 <i>TIG / LTIG / TIH / LTIH / TIL / LTIL / TII / LS</i>	 <i>RR / LRR</i>	 <i>R / LRA / RSC / RG / LRG</i>	 <i>620 / 621 / 622 / 632 / 651</i>	 <i>T / LTA / TG / LTG / TLG / TTG</i>
Poles	1, 2	1, 2, 3, 4	1	1, 2	1, 2	1, 2
Ratings	up to 10A 28VDC	up to 15A 125VAC 10A 250VAC	up to 12A 125VAC 10A 250VAC	up to 20A 125VAC 15A 250VAC	up to 12A 125VAC 10A 250VAC 8A 250VAC 1/2 HP 125-250VAC	up to 20A 125VAC 10A 250VAC
Actuator	bezel-less rocker	rocker, paddle	rocker	rocker, paddle	rocker, paddle	rocker, lever, paddle, plunger, toggle (bat)
Mounting Hole Specifications	.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
Termination	.110 Tabs	.187 tab solder lug .250 tabs screw terms wire leads	.187 tab	solder lug .250 tabs wire leads PC terms	.187 tab solder lug wire leads PC terms	.187 tab solder lug .250 tabs wire leads
Illumination	LED	incandescent, neon	incandescent, neon	incandescent, neon	incandescent, LED, neon	incandescent, neon
Approvals	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.

Manufacturer reserves the right to change product specifications without prior notice.






CONTROLS




	 <i>LD Dimmer</i>	 <i>LMR Mirror</i>	 <i>LW Wiper</i>	 <i>N-Series</i>	 <i>V-Charger</i>
Poles	multi-function	multi-function	multi-function	1	1
Ratings	up to 10A 12VDC 5A 24VDC	up to 1A 14VDC .5A 28VDC	up to 8A 14VDC 4A 28VDC	.4VA 28VDC	12V/24VDC
Actuator	rocker, paddle	joystick	rocker, paddle	rocker, paddle	sealed spring-loaded access doors
Mounting Hole Specifications	.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
Termination	.250 tabs	wire leads with connector	.187 tabs	.187 tabs	.250 tabs
Illumination	LED	n/a	LED	LED	LED
Approvals	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>
Poles	1, 2	1, 2, 3, 4	1	1, 2	1, 2	1
Ratings	up to 15A 125VAC 10A 250VAC 15A 12-28VDC	up to 20A 125VAC 20A 277VAC 2 HP 250VAC	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
Actuator	paddle, toggle (bat)	paddle, toggle (bat)	paddle, toggle (bat)	toggle (bat), toggle (ball)	toggle (bat), toggle (ball)	toggle (bat)
Mounting Hole Specifications	.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
Termination	.187 tabs solder lug .250 tabs screw terms wire leads PC terms	.187 tabs solder lug .250 tabs screw terms wire leads PC terms	solder lug .250 tabs screw terms wire leads	solder lug .250 tabs screw terms wire leads	screw terms	.250 tabs screw terms wire leads
Illumination	incandescent, neon	n/a	n/a	n/a	n/a	n/a
Approvals	n/a	UL, CSA, VDE	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>
Poles	1	1	1	1, 2, 3	1
Ratings	up to 3A 125VAC	up to 15A 125VAC 10A 250VAC	up to 6A 125VAC 3A 277VAC	up to 5A 125VAC 2A 250VAC	up to 20A 125VAC 10A 250VAC
Mounting Hole Specifications	.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
Termination	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
Approvals	UL, CSA	UL, CSA	UL, CSA	UL, CSA	UL, CSA, TUV

ROTARY			
			
	<i>R135</i>	<i>700 / 800</i>	<i>V-Rotary</i>
Poles	1	1	1, 2
Ratings	1.5A 250VAC 3A 125VAC 5A 12VDC	up to 3A 250VAC 6A 125VAC	up to 15A 24VDC 20A 12VDC
Actuator	round	asymmetrical	ergonomic knob
Mounting Hole Specifications	.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
Termination	wire leads	.125 tabs solder lug .250 tabs	solder lug .250 tabs wire leads
Illumination	n/a	n/a	incandescent, LED
Approvals	UL, CSA	UL, CSA	pending

BATTERY DISCONNECT	
	
	<i>BD-Series</i>
Poles	1
Ratings	100-300 Amps 12VDC/24VDC
Actuator	ergonomic knob
Mounting Hole Specifications	2.75" diameter; 70.1 mm diameter
Termination	M10 Stud M14 Stud
Illumination	n/a
Approvals	n/a

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ELECTRONIC SWITCHING PRODUCTS	
Software	SAE J1939 CAN 2.0b Protocol
Circuitry	12 individual loads
Operating Voltage	8-32 V
Illumination	1, 2, or 3 LED's per load
Sealing	IP69 Front Panel; IP68 Back Panel when connected
Termination	Deutsch DT-Series Connector
Legends	Custom or standard laser etched backlighting



CKP-Series