


SWITCHES & CONTROLS



SELECTOR GUIDE

ELECTRONIC SYSTEMS

		
CKP-Series	VM-Series	
SAE J1939 CAN 2.0b Protocol	SAE J1939 CAN 2.0b Protocol	Software
12 individual loads	6 individual rockers, up to 12 total loads	Circuitry
8-32 V	12 or 24 V	Operating Voltage
1, 2, or 3 LED's per load	Dependent or Independent LED's	Illumination
IP69 Front Panel; IP68 Back Panel when connected	IP68 Front Panel; IP68 Back Panel when connected	Sealing
Deutsch DT-Series Connector	Deutsch DT-Series Connector	Termination
Custom or standard laser etched backlighting	Custom or standard laser etched backlighting	Legends

CONTROLS

				
V-Charger	LD Dimmer	LMR Mirror	LW Wiper	
1	multi-function	multi-function	multi-function	Poles
12V/24VDC	up to 10A 12VDC 5A 24VDC	up to 1A 14VDC .5A 28VDC	up to 8A 14VDC 4A 28VDC	Ratings
sealed spring-loaded access doors; curved or square	rocker, paddle	joystick	rocker, paddle	Actuator
.830" x 1.450" [21.08mm x 36.83mm] 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	Mounting Hole Specifications
.250 tabs	.250 tabs	wire leads with connector	.187 tabs	Termination
LED	LED	n/a	LED	Illumination
n/a	n/a	n/a	n/a	Approvals

SEALED ROCKERS

				
HR-Series	V-Series	W-Series	L-Series	
1, 2	1, 2	1, 2	1, 2	Poles
IP68; 20A 12V	IP66/68; up to 20/15A 12/24VDC 15A 125VAC 10A 250VAC	IP68 including connector; up to 10A 24VDC	IP67; up to 15A 125VAC 10A 250VAC 20A 18VDC	Ratings
Laser-Etched Rocker	Rocker, Paddle, Locking Rocker	Bezel-Less Rocker, Paddle & Locking Rocker	Rocker, Paddle, Locking Rocker	Actuator
.830" x 1.450" [21.08mm x 36.83mm] snap-in 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	Mounting Hole Specifications
.110 tabs	.250 tabs solder lug wire leads	.110 tabs	.187 tab .250 tabs	Termination
LED	incandescent, LED, neon	LED	incandescent, LED	Illumination
n/a	UL, CSA	n/a	n/a	Approvals

FULL-SIZE ROCKERS

		
TIG / LTIG / TIH / LTIH / TIL / LTIL / TII / LS	S-Series	
1, 2, 3, 4	1, 2	Poles
up to 15A 125VAC 10A 250VAC	up to 10A 28VDC	Ratings
rocker, paddle	bezel-less rocker	Actuator
.830" x 1.450" [21.08mm x 36.83mm] snap-in mount screw mount	.787" x 1.575" snap-in, keyed	Mounting Hole Specifications
.187 tab solder lug .250 tabs screw terms wire leads	.110 Tabs	Termination
incandescent, neon	LED	Illumination
UL, CSA, VDE	n/a	Approvals



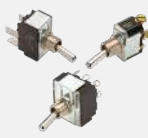




MID-SIZED ROCKERS

			
T / LTA / TG / LTG / TLG / TTG	RR / LRR	R / LRA / RSC / RG / LRG	
1, 2	1	1, 2	Poles
up to 20A 125VAC 10A 250VAC	up to 12A 125VAC 10A 250VAC	up to 20A 125VAC 15A 250VAC	Ratings
rocker, lever, paddle, plunger, toggle (bat)	rocker	rocker, paddle	Actuator
.550" x 1.125" [13.97mm x 28.57mm] 1.00" x 1.125" [25.4mm x 28.57mm] snap-in 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	Mounting Hole Specifications
.187 tab solder lug .250 tabs wire leads	.187 tab	solder lug .250 tabs wire leads PC terms	Termination
incandescent, neon	incandescent, neon	incandescent, neon	Illumination
UL, CSA	UL, cUL	UL, CSA, VDE	Approvals





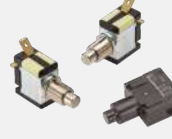
SMALL-SIZED ROCKERS

				
610 / 620	611 / 621	622 / 632	651 / 652	
1, 2	1, 2	1, 2	1	Poles
up to 8A 125VAC 4A 250VAC	up to 8A 125VAC 4A 250VAC	up to 12A 125VAC 8A 250VAC 1/2 HP 125-250VAC	up to 10A 125VAC 10A 250VAC 1/4 HP 125-250VAC	Ratings
rocker, paddle	rocker, paddle	rocker	rocker, paddle	Actuator
.508" x .756" [12.9mm x 19.2mm] snap-in mount	.508" x .756" [12.9mm x 19.2mm] snap-in mount	.508" x .756" [12.9mm x 19.2mm] snap-in mount	.508" x .756" [12.9mm x 19.2mm] snap-in mount	Mounting Hole Specifications
solder lug PC terms	.187 tab solder lug wire leads PC terms	.187 tab solder lug	.187 tab solder lug wire leads PC terms	Termination
n/a	n/a	incandescent, LED, neon	n/a	Illumination
UL, CSA	UL, CSA, VDE	UL, CSA	UL, CSA	Approvals

TOGGLES

							
ST-Series	LT-Series	F / G / H / I	C / D	110-Series	DK / EK	MAAOA / 215	
1, 2	1, 2	1, 2, 3, 4	1	1, 2	1, 2	1	Poles
16A, 12/24V	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	Ratings
IP68, bat	paddle, toggle (bat)	paddle, toggle (bat)	paddle, toggle (bat)	toggle (bat), toggle (ball)	toggle (bat), toggle (ball)	toggle (bat)	Actuator
.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	.500" dia [12.7mm] bushing mount	.656" x 1.218" [16.66mm x 30.54mm] snap-in mount	Mounting Hole Specifications
.250 tabs Screw Terminals with cage clamps	.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	Termination
n/a	incandescent, neon	n/a	n/a	n/a	n/a	n/a	Illumination
UL, cUL pending	n/a	UL, CSA, VDE	UL, CSA	UL, CSA	UL, CSA	UL, CSA	Approvals

PUSHBUTTONS

					
16-3P	170 / 172	P26 / P27	641 / 110	P / PP	
1	1	1	1, 2, 3	1	Poles
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	Ratings
.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	Mounting Hole Specifications
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	Termination
UL, CSA	UL, CSA	UL, CSA	UL, CSA	UL, CSA, TUV	Approvals

ROTARY

			
V-Rotary	R135	700 / 800	
1, 2	1	1	Poles
up to 15A 24VDC 20A 12VDC	1.5A 250VAC 3A 125VAC 5A 12VDC	up to 3A 250VAC 6A 125VAC	Ratings
IP67, ergonomic knob	round	asymmetrical	Sealing / Actuator
.830" x 1.450" [21.08mm x 36.83mm] snap-in mount	.375" dia [9.52mm] bushing mount .500" dia [12.7mm] snap-in mount	.500" dia [12.7mm] bushing mount	Mounting Hole Specifications
solder lug .250 tabs wire leads	wire leads	.125 tabs solder lug .250 tabs	Termination
incandescent, LED	n/a	n/a	Illumination
pending	UL, CSA	UL, CSA	Approvals

BATTERY DISCONNECT

		
BD-Series	BD1-Series	
1	1	Poles
100-300 Amps 12VDC/24VDC	250 Amps 12VDC/24VDC	Ratings
ergonomic knob	ergonomic knob; removable option available	Actuator
M8 Bolt and Nut	M6/M7 Bolt and Nut	Mounting Hole Specifications
M10 Stud M14 Stud	M10 Stud; 19 and 27mm length	Termination

Worldwide Headquarters

Carling Technologies, Inc.

60 Johnson Avenue, Plainville, CT 06062-1177

Phone: 860.793.9281 Fax: 860.793.9231

Email: sales@carlingtech.com www.carlingtech.com

Northern Region Sales Office: nrsm@carlingtech.com
Southeast Region Sales Office: sersm@carlingtech.com
Midwest Region Sales Office: mrrsm@carlingtech.com
West Region Sales Office: wrrsm@carlingtech.com
Latin America Sales Office: larsm@carlingtech.com

Asia-Pacific Headquarters

Carling Technologies, Asia-Pacific Ltd.,

Suite 1607, 16/F Tower 2, The Gateway, Harbour City,
25 Canton Road, Tsimshatsui, Kowloon, Hong Kong

Phone: Int + 852-2737-2277 Fax: Int + 852-2736-9332

Email: sales@carlingtech.com.hk

Shenzhen, China: shenzhen@carlingtech.com

Shanghai, China: shanghai@carlingtech.com

Pune, India: india@carlingtech.com

Kaohsiung, Taiwan: taiwan@carlingtech.com

Yokohama, Japan: japan@carlingtech.com

Europe | Middle East | Africa Headquarters

Carling Technologies LTD

4 Airport Business Park, Exeter Airport,

Clyst Honiton, Exeter, Devon, EX5 2UL, UK

Phone: Int + 44 1392.364422 Fax: Int + 44 1392.364477

Email: ltd.sales@carlingtech.com

Germany: gmbh@carlingtech.com

France: sas@carlingtech.com

