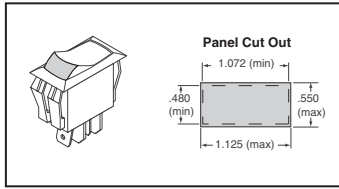


Curvette Rocker Switches

The R Series Curvette line of Rocker Switches are Snap-In power switches used in Appliances, Medical, HVAC, Lawn & Garden and Transportation markets. The Dual Molded Visi-Rocker gives visual indication whether the switch is On or Off and will never burn out like Illuminated Rockers or wear off like Ink Stamped actuators. **Specifications:** 10A @ 250VAC, 16A @ 125VAC, RD221 = 8A @ 250VAC, 12A @ 125VAC **Dielectric Strength:** UL/CSA: 1000V live to dead metal. 750V across open contacts. **Electrical Life:** 100,000 cycles **Mechanical Life:** 100,000 cycles **Operating Temperature:** 0°C - 85°C **Terminal:** .250" QC

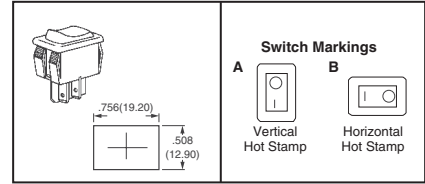


Circuit	Function	Body Color	Actuator Color	Markings	Digi-Key Part No.	Price Each			Carling Tech. Part No.
						1	25	50	
SPST	On-Off	Black	Black	None	432-1110-ND	1.04	.56	.40	RA901-RB-B-0-N
SPST	On-Off	Black	Black	Vert. "Off-On"	432-1111-ND	1.11	.60	.43	RA901-RB-B-A-N
SPST	On-Off	Black	Black	Vert. "On-Off"	432-1112-ND	1.11	.60	.43	RA901-RB-B-F-N
SPST	On-Off	Black	Blk./Visi Red	None	432-1115-ND	1.11	.60	.43	RA901-VB-B-0-V
SPST	On-Off	Black	Blk./Visi Red	Vert. "Off-On"	432-1116-ND	1.11	.60	.43	RA901-VB-B-1-V
SPST	On-Off	Black	Blk./Visi Red	Horz. "Off-On"	432-1117-ND	1.11	.60	.43	RA901-VB-B-2-V
SPST	On-Off	Black	Blk./Visi Red	Vert. I-O	432-1118-ND	1.11	.60	.43	RA901-VB-B-9-V
SPST	On-Off	White	Wht./Visi Red	Vert. "Off-On"	432-1120-ND	1.21	.65	.47	RA901-VW-W-1-V
SPDT	On-Off-On	Black	Black	None	432-1121-ND	1.18	.64	.46	RC911-RB-B-0-N
SPST	Off-Mom	Black	Black	None	432-1122-ND	1.49	.81	.58	RD221-MB-B-0-N

◆ RoHS Compliant

CW INDUSTRIES Panel Mount Rocker Switches Mini Rocker Switches

CW Rocker switches are single pole or double pole switches capable of currents normally associated with much larger switches. Standard black body with either black or red rocker knob. Designed to satisfy unique styling requirements which can be the key to a product's success. Switches with markings are white ink stamped markings on rocker knob. Illuminated "Soft Glow" switches are 110VAC neon bulbs, red diffused lens. All terminals are .187" QC. **Typical Applications:** Motor-driven devices, instruments, household appliances, auto, access, recreational vehicles and telecommunication, computer and computer peripheral equipment. **MATERIALS:** • **Rocker Knob:** Nylon 94V-2 • **Housing:** Nylon 94V-2 • **Terminal/Stationary/Moving Contact:** Copper alloy and/or copper alloy silver plated **MOUNTING:** Self locks without hardware when popped into the panel cutout. Acceptable panel thickness range is from .050" - .150" (1.27mm - 3.81mm). **PERFORMANCE STANDARDS:** **Contact Resistance:** Less than .01Ω at 10mA (initial) **Operating Temperature:** 105°C maximum **Caution:** Burr direction must be away from the direction of insertion.



Switch Marking	Rocker Color	Circuit	Finish	Switch Function	Electrical Ratings	Listing Agencies	Digi-Key Part No.	Price Each			CW Industries Part No.	
								1	10	100		
—	Black	SPST	Matte	On/Off	16A 125V - 250VAC	UL, CSA, VDE	SW339-ND	.89	.68	.52	.40	GRS-4011-0024
—	Black	SPST	Matte	On/Off	16A 125V - 250VAC	UL, CSA, VDE	SW301-ND	.81	.62	.47	.37	GRS-4011-1600
—	Red	SPST	Matte	On/Off	16A 125V - 250VAC	UL, CSA, VDE	SW302-ND	.81	.62	.47	.37	GRS-4011-0040
B	Black	SPST	Matte	On/Off	16A 125V - 250VAC	UL, CSA, VDE	SW322-ND	.89	.68	.53	.41	GRS-4011-0068
A	Black	SPST	Matte	On/Off	16A 125V - 250VAC	UL, CSA, VDE	SW323-ND	.89	.68	.53	.41	GRS-4011-0076
—	Black	SPDT	Matte	On/On	16A 125V - 250VAC	UL, CSA, VDE	SW303-ND	.87	.66	.51	.40	GRS-4012-1600
—	Red	SPDT	Matte	On/On	16A 125V - 250VAC	UL, CSA, VDE	SW304-ND	.87	.66	.51	.40	GRS-4012-0026
A	Black	SPDT	Matte	On/On	16A 125V - 250VAC	UL, CSA, VDE	SW324-ND	.96	.73	.56	.44	GRS-4012-0047
—	Black	DPDT	Matte	On/On	16A 125V - 250VAC	UL, CSA, VDE	SW307-ND	1.24	.95	.73	.57	GRS-4022-1600
—	Red	DPDT	Matte	On/On	16A 125V - 250VAC	UL, CSA, VDE	SW308-ND	1.24	.95	.73	.57	GRS-4022-0010
A	Black	DPDT	Matte	On/On	16A 125V - 250VAC	UL, CSA, VDE	SW325-ND	1.32	1.01	.77	.60	GRS-4022-0013
—	Black	SPDT	Matte	On/Off/On	13A 125VAC, 10A 250VAC	UL, CSA	SW305-ND	1.10	.84	.65	.50	GRS-4013A-1300
—	Red	SPDT	Matte	On/Off/On	13A 125VAC, 10A 250VAC	UL, CSA	SW306-ND	1.10	.84	.65	.50	GRS-4013A-0008
—	Black	SPST	Matte	Off/Mom	13A 125VAC, 10A 250VAC	UL, C SA	SW329-ND	.94	.72	.55	.43	GRS-4011B-1300
—	Black	SPDT	Matte	Mom/Off/Mom	8A 125VAC, 4A 250VAC	UL, CSA	SW340-ND	1.10	.83	.64	.50	GRS-4013C-0001
—	Black	DPDT	Matte	On/Off/On	13A 125VAC, 10A 250VAC	UL, CSA	SW309-ND	1.47	1.12	.86	.67	GRS-4023A-1300
—	Red	DPDT	Matte	On/Off/On	13A 125VAC, 10A 250VAC	UL, CSA	SW310-ND	1.47	1.12	.86	.67	GRS-4023A-0009
—	Black	DPST	Matte	Off/Mom	13A 125VAC, 10A 250VAC	UL, CSA	SW330-ND	1.31	1.00	.76	.60	GRS-4021B-0000
—	Black	DPDT	Matte	Mom/Off/Mom	13A 125VAC, 10A 250VAC	UL, CSA	SW311-ND	1.47	1.12	.86	.67	GRS-4023C-1300
—	Red	DPDT	Matte	Mom/Off/Mom	13A 125VAC, 10A 250VAC	UL, CSA	SW312-ND	1.47	1.12	.86	.67	GRS-4023C-0005
—	Red Illum.	SPST	Matte	On/Off	16A 125VAC	UL, CSA	SW300-ND	2.04	1.55	1.19	.93	GRL-4011-1600

† Note: Eylet Terminals

Standard Rocker Switches

CW Rocker Switches are designed to solve the switching problems of the user and styled to satisfy the designer. They are easy to mount, easy to terminate and easy to actuate. Hot stamped versions are marked for switch position identification; illuminated version is 120VAC neon bulb. **OPERATING STANDARDS:** Temperature: 105°C maximum **Contact Resistance:** 0.01Ω at 10mA. **MATERIALS:** **Rocker Knob:** Nylon 94V-4. **Housing:** Nylon 94V-2. **Terminal Board:** Nylon 94V-0. **Terminal/Moving Contact:** Copper and/or copper alloy silver plated. **MOUNTING:** No hardware or tools needed; self locks into proper panel cutout. Acceptable panel thickness range is from .025" - .180" (0.64mm - 4.57mm). All terminals are .250" QC. **Caution:** Burr direction must be away from the direction of insertion.

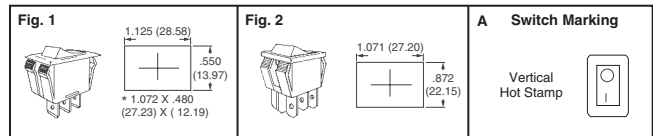
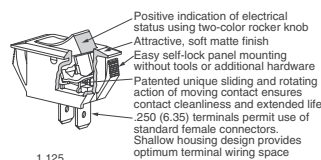
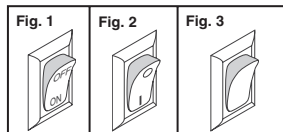


Fig.	Switch Marking	Rocker Color	Finish	Circuit	Switch Function	Electrical Ratings	Listing Agencies	Digi-Key Part No.	Price Each			CW Industries Part No.	
									1	10	500		
1	—	Red Illum.	Matte	SPST-NO	On/Off	16A 125VAC, 12A 250VAC	UL, CSA, VDE	SW313-ND	1.65	1.25	.96	.75	GRL-2011-1600
	—	Black	Matte	SPST-NO	On/Off	16A 125VAC, 12A 250VAC	UL, CSA, VDE	SW314-ND	.78	.59	.45	.35	GRS-2011-2000
	—	Black	Matte	SPST-NO	On/Off	16A 125VAC, 12A 250VAC	UL, CSA, VDE	SW315-ND	.78	.59	.45	.35	GRS-2011-2019
	A	Black	Matte	SPST-NO	On/Off	16A 125VAC, 12A 250VAC	UL, CSA, VDE	SW326-ND	.85	.65	.50	.39	GRS-2011-2080
1	—	Black	Matte	SPST-NO	On/Off	16A 125VAC, 12A 250VAC	UL, CSA, VDE	SW316-ND*	.78	.59	.45	.35	GRS-2011-3000
	—	Black	Matte	SPDT	On/On	16A 125VAC, 12A 250VAC	UL, CSA, VDE	SW319-ND*	.83	.64	.49	.38	GRS-2012-3000
	—	Black	Matte	SPST	On/Off	16A 125VAC, 12A 250VAC	UL, CSA, VDE	SW341-ND*	.83	.63	.48	.38	GRS-2011-3020
	—	Black	Matte	SPDT	On/On	16A 125VAC, 12A 250VAC	UL, CSA, VDE	SW317-ND	.83	.64	.49	.38	GRS-2012-2000
	—	Red	Matte	SPDT	On/On	16A 125VAC, 12A 250VAC	UL, CSA, VDE	SW318-ND	.83	.64	.49	.38	GRS-2012-2009
	A	Black	Matte	SPDT	On/On	16A 125VAC, 12A 250VAC	UL, CSA, VDE	SW327-ND	.93	.71	.54	.42	GRS-2012-2028
1	—	Black	Matte	SPDT	On/Off/On	16A 125VAC, 12A 250VAC	UL, CSA	SW320-ND	1.08	.82	.63	.49	GRS-2013A-2000
	—	Black	Matte	SPST-NO	Off/Mom	13A 125VAC	UL, CSA	SW613-ND	.83	.63	.49	.38	GRS-2011B-2000
	—	Black	Matte	SPST-NC	On/Mom	13A 125VAC	UL, CSA	SW614-ND	.89	.81	.61	.41	GRS-2011C-2000
	—	Black	Matte	SPDT	Mom/Off/Mom	13A 125VAC, 10A 250VAC	UL, CSA	SW622-ND	1.13	.86	.66	.52	GRS-2011C-1300
	—	Black	Matte	SPDT	On/On	16A 125VAC, 12A 250VAC	UL, CSA, VDE	SW623-ND	.83	.64	.49	.38	GRS-2012-2600
2	—	Black	Matte	SPST	On/Off	16A 125VAC, 12A 250VAC	UL, CSA, VDE	SW624-ND	.78	.59	.45	.35	GRS-2011-2600
	—	Black	Matte	DPDT	On/On	16A 125VAC, 12A 250VAC	UL, CSA, VDE	SW321-ND	2.01	1.53	1.17	.91	GR-2022-1600
	A	Black	Matte	DPDT	On/On	16A 125VAC, 12A 250VAC	UL, CSA, VDE	SW328-ND	2.08	1.59	1.22	.95	GR-2022-0007

* Dimensions are 1.072" x .480" (27.23mm x 12.19mm)

IndicON™ Rocker Switches



IndicON rocker switches are the right choice wherever you want performance combined with style. Provides users with a positive indication whether switch is "On" or "Off". Unlike lighted rocker switches which may burn out over time, there's never a safety concern with IndicON switches. **Features:** • Economical alternative to lighted switches • Fast and secure mounting - no hardware required • Long life, reliable operation • Two color molding process provides permanent legends • Compatible appearance with other CW switches **Electrical Specifications:** 16A @ 125VAC rating without precious metals **Agency Certifications:** UL, CSA and VDE

Fig.	Switch Color	Actuator Color	Circuit Funct.	Switch Type	Term. Type In. (mm)	Digi-Key Part No.	1	Price Each 100	500	CW Industries Part No.
1	Black	Red	SPST	On-Off	250QC (6.35)	SW344-ND	.89	.68	.52	40 NAA-111-B111-00
1	Black	Red	SPDT	On-On	250QC (6.35)	SW349-ND	.95	.72	.56	43 NBA-111-B111-00
2	Black	Red	SPST	On-Off	250QC (6.35)	SW354-ND	.89	.68	.52	40 NAA-111-B121-00
3	Black	Red	SPST	On-Off	250QC (6.35)	SW620-ND	.89	.68	.52	40 NAA-111-B131-00
3	Black	Red	SPDT	On-On	250QC (6.35)	SW621-ND	.95	.72	.56	43 NBA-111-B131-00

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