

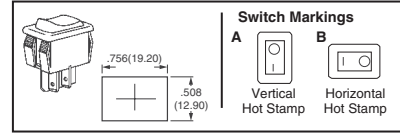


## Panel Mount Rocker Switches



### 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" OC. **Typical Applications:** Motor-driven devices, instruments, household appliances, automotive accessories, 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 @ 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	50	100	
—	Black	SPST	Matte	On/Off	16A 125 - 250VAC	UL, CSA, VDE	SW339-ND	1.22	1.09	.91	.79	GRS-4011-0024
—	Black	SPST	Matte	On/Off	16A 125 - 250VAC	UL, CSA, VDE	SW301-ND	1.11	.99	.83	.72	GRS-4011-1600
—	Red	SPST	Matte	On/Off	16A 125 - 250VAC	UL, CSA, VDE	SW302-ND	1.11	.99	.83	.72	GRS-4011-0040
B	Black	SPST	Matte	On/Off	16A 125 - 250VAC	UL, CSA, VDE	SW322-ND	1.23	1.10	.92	.79	GRS-4011-0068
A	Black	SPST	Matte	On/Off	16A 125 - 250VAC	UL, CSA, VDE	SW323-ND	1.23	1.10	.92	.79	GRS-4011-0076
—	Black	SPDT	Matte	On/On	16A 125 - 250VAC	UL, CSA, VDE	SW303-ND	1.20	1.07	.90	.77	GRS-4012-1600
—	Red	SPDT	Matte	On/On	16A 125 - 250VAC	UL, CSA, VDE	SW304-ND	1.20	1.07	.90	.77	GRS-4012-0026
A	Black	SPDT	Matte	On/On	16A 125 - 250VAC	UL, CSA, VDE	SW324-ND	1.32	1.18	.99	.85	GRS-4012-0047
—	Black	DPDT	Matte	On/On	16A 125 - 250VAC	UL, CSA, VDE	SW307-ND	1.72	1.53	1.28	1.10	GRS-4022-1600
—	Red	DPDT	Matte	On/On	16A 125 - 250VAC	UL, CSA, VDE	SW308-ND	1.72	1.53	1.28	1.10	GRS-4022-0010
—	Black	DPDT	Matte	On/On	16A 125 - 250VAC	UL, CSA, VDE	SW325-ND	1.83	1.63	1.36	1.17	GRS-4022-0013
A	Black	SPDT	Matte	On/Off/On	13A 125VAC, 10A 250VAC	UL, CSA	SW305-ND	1.53	1.36	1.13	.98	GRS-4013A-1300
—	Red	SPDT	Matte	On/Off/On	13A 125VAC, 10A 250VAC	UL, CSA	SW306-ND	1.53	1.36	1.13	.98	GRS-4013A-0008
—	Black	SPST	Matte	Off/Mom	13A 125VAC, 10A 250VAC	UL, CSA	SW329-ND	1.30	1.16	.97	.84	GRS-4011B-1300
—	Black	SPDT	Matte	Mom/Off/Mom	8A 125VAC, 4A 250VAC	UL, CSA	SW340-ND	1.50	1.35	1.12	.97	GRS-4013C-0001
—	Black	DPDT	Matte	On/Off/On	13A 125VAC, 10A 250VAC	UL, CSA	SW309-ND	2.03	1.81	1.51	1.30	GRS-4023A-1300
—	Red	DPDT	Matte	On/Off/On	13A 125VAC, 10A 250VAC	UL, CSA	SW310-ND	2.03	1.81	1.51	1.30	GRS-4023A-0009
—	Black	DPST	Matte	Off/Mom	13A 125VAC, 10A 250VAC	UL, CSA	SW330-ND	1.81	1.61	1.34	1.16	GRS-4021B-0000
—	Black	DPDT	Matte	Mom/Off/Mom	13A 125VAC, 10A 250VAC	UL, CSA	SW311-ND	2.03	1.81	1.51	1.30	GRS-4023C-1300
—	Red	DPDT	Matte	Mom/Off/Mom	13A 125VAC, 10A 250VAC	UL, CSA	SW312-ND	2.03	1.81	1.51	1.30	GRS-4023C-0005
—	Red Illuminated	SPST	Matte	On/Off	16A 125VAC	UL, CSA	SW300-ND	2.82	2.51	2.09	1.80	GRS-4011-1600

† Note: Eyelet 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 @ 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" OC. **Caution:** Burr direction must be away from the direction of insertion.

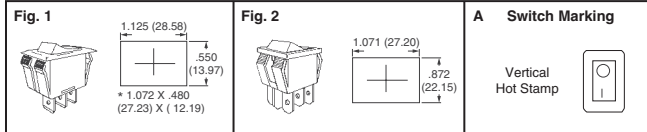


Fig.	Switch Marking	Rocker Color	Finish	Circuit	Switch Function	Electrical Ratings	Listing Agencies	Digi-Key Part No.	Price Each				CW Industries Part No.
									1	10	50	100	
1	—	Red Illum.	Matte	SPST-NO	On/Off	16A 125VAC, 12A 250VAC	UL, CSA, VDE	SW313-ND	2.28	2.02	1.69	1.46	GRS-2011-1600
	—	Black	Matte	SPST-NO	On/Off	16A 125VAC, 12A 250VAC	UL, CSA, VDE	SW314-ND	1.07	.95	.80	.69	GRS-2011-2000
	—	Red	Matte	SPST-NO	On/Off	16A 125VAC, 12A 250VAC	UL, CSA, VDE	SW315-ND	1.07	.95	.80	.69	GRS-2011-2019
	A	Black	Matte	SPST-NO	On/Off	16A 125VAC, 12A 250VAC	UL, CSA, VDE	SW326-ND	1.18	1.05	.88	.76	GRS-2011-2080
	—	Black	Matte	SPST-NO	On/Off	16A 125VAC, 12A 250VAC	UL, CSA, VDE	SW316-ND*	1.07	.95	.80	.69	GRS-2011-3000
	—	Black	Matte	SPDT	On/On	16A 125VAC, 12A 250VAC	UL, CSA, VDE	SW319-ND*	1.49	1.33	1.11	.96	GRS-2012-3000
	A	Black	Matte	SPST	On/Off	16A 125VAC, 12A 250VAC	UL, CSA, VDE	SW341-ND*	1.20	1.07	.89	.77	GRS-2011-3020
	—	Black	Matte	SPDT	On/On	16A 125VAC, 12A 250VAC	UL, CSA, VDE	SW317-ND	1.16	1.03	.86	.74	GRS-2012-2000
	—	Red	Matte	SPDT	On/On	16A 125VAC, 12A 250VAC	UL, CSA, VDE	SW318-ND	1.16	1.03	.86	.74	GRS-2012-2009
	A	Black	Matte	SPDT	On/On	16A 125VAC, 12A 250VAC	UL, CSA, VDE	SW327-ND	1.28	1.14	.95	.82	GRS-2012-2028
	—	Black	Matte	SPDT	On/Off/On	16A 125VAC, 12A 250VAC	UL, CSA	SW320-ND	1.49	1.33	1.11	.96	GRS-2013A-2000
	—	Black	Matte	SPST-NO	Off/Mom	13A 125VAC	UL, CSA	SW613-ND	1.51	1.35	1.13	.97	GRS-2011B-2000
—	Black	Matte	SPST-NC	On/Mom	13A 125VAC	UL, CSA	SW614-ND	1.51	1.35	1.13	.97	GRS-2011C-2000	
—	Black	Matte	SPDT	Mom/Off/Mom	13A 125VAC, 10A 250VAC	UL, CSA	SW822-ND	2.26	2.01	1.68	1.45	GRS-2013C-1300	
—	Black	Matte	SPDT	On/On	16A 125VAC, 12A 250VAC	UL, CSA, VDE	SW323-ND	1.16	1.03	.86	.74	GRS-2012-2600	
—	Black	Matte	SPST	On/Off	16A 125VAC, 12A 250VAC	UL, CSA, VDE	SW624-ND	1.07	.95	.80	.69	GRS-2011-2600	
2	—	Black	Matte	DPDT	On/On	16A 125VAC, 12A 250VAC	UL, CSA, VDE	SW321-ND	2.88	2.57	2.14	1.85	GR-2022-1600
	A	Black	Matte	DPDT	On/On	16A 125VAC, 12A 250VAC	UL, CSA, VDE	SW328-ND	3.05	2.72	2.27	1.96	GR-2022-0007

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

### NEW! Rocker Switches — GRB Series



The GRB line of rocker switches is available in ratings ranging from 3-20A @ 12-24VDC and 125-250VAC. Circuitries include SPST, SPDT, DPST, and DPDT.

A variety of color, marking, and termination options are also available. Most rocker switches are available in illuminated and non-illuminated versions.

Also available are variable functions and mounting styles as well as nut and snap-in fittings

**Note:** for listing agencies refer to data-sheets on Digi Key website

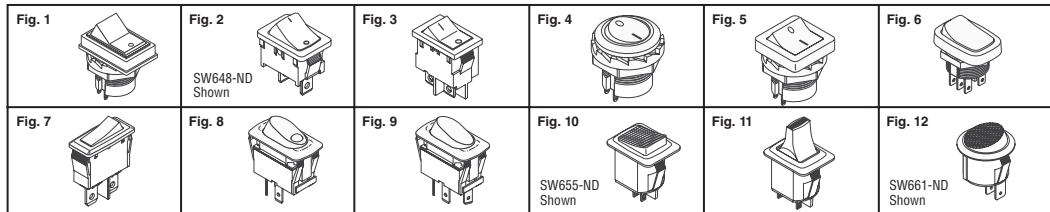


Fig.	Rocker Color	Fitting	Circuit	Switch Function	Electrical Ratings	Digi-Key Part No.	Price Each				CW Industries Part No.
							1	10	50	100	
1	Black	Nut	SPST	On-Off	10A 125VAC, 6A 250VAC	SW647-ND	1.39	1.24	1.04	.90	GRB049A05BB1
2	Black	Snap-in	SPST	On-Off	16A 125VAC, 10A 250VAC	SW648-ND	1.16	1.03	.86	.74	GRB066A02BB2
	Green LED	Snap-in	SPST	On-Off	20A 12VDC	SW649-ND	2.12	1.89	1.58	1.36	GRB066L02BBGGL1
3	Black/Red	Snap-in	DPST	On-Off	8A 125VAC, 4A 250VAC, 10A 125VAC, 6A 250VAC	SW650-ND	2.76	2.46	2.05	1.77	GRB073A202BB
4	Black	Nut	SPST	On-Off	10A 125VAC, 6A 250VAC	SW651-ND	2.30	2.05	1.71	1.48	GRB130A05BB2
5	Black	Nut	SPST	On-Off	10A 125VAC, 6A 250VAC	SW652-ND	2.82	2.51	2.09	1.81	GRB136A05BB2
6	Black	Nut	DPDT	On-On	6A 125VAC, 3A 250VAC	SW653-ND	5.36	4.77	3.98	3.43	GRB213B03BB
7	Black	Snap-in	SPST	Mom-Off	8A 125VAC, 4A 250VAC, 10A 125VAC, 6A 250VAC	SW654-ND	3.30	2.94	2.45	2.11	GRB24302BB
8	Red LED	Snap-in	SPST	On-Off	16A 125VAC, 10A 277VAC	SW662-ND	5.06	4.50	3.75	3.24	GRB263A101RN1D
9	Black	Snap-in	SPDT	On-On	16A 125VAC, 10A 277VAC	SW663-ND	7.84	6.98	5.82	5.02	GRB263C001N1N
	Black	Snap-in	SPDT	On-Off-On	18A 125VAC, 10A 277VAC	SW664-ND	7.84	6.98	5.82	5.02	GRB263D001N1N
10	Red LED	Snap-in	SPST	On-Off	6A 125VAC, 3A 250VAC	SW655-ND	7.82	6.95	5.80	5.00	GRB290AL105BRR
	Red LED	Snap-in	SPST	On-Off	6A 125VAC, 3A 250VAC	SW658-ND	7.82	6.95	5.80	5.00	GRB290AL405BRR
11	Red LED	Snap-in	SPST	On-Off	6A 125VAC, 3A 250VAC	SW656-ND	7.82	6.95	5.80	5.00	GRB290AL205BRR
	Red LED	Snap-in	SPST	On-Off	6A 125VAC, 3A 250VAC	SW657-ND	7.82	6.95	5.80	5.00	GRB290AL305BRR
12	Black	Snap-in	SPST	On-Off	20A 125VAC, 16A 250VAC	SW659-ND	4.28	3.80	3.17	2.73	GRB293A01BB
	Red LED	Snap-in	SPST	On-Off	20A 125VAC	SW660-ND	4.28	3.80	3.17	2.73	GRB293B01BR
—	Black	Snap-in	SPDT	On-On	20A 125VAC, 16A 250VAC	SW661-ND	4.28	3.80	3.17	2.73	GRB293C01BB

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