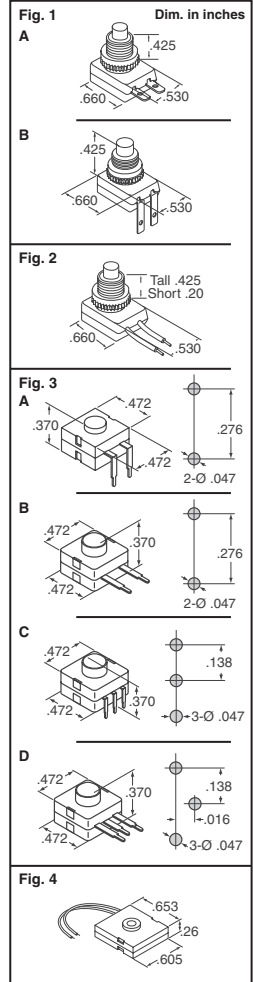




Plastic Pushbutton Switches

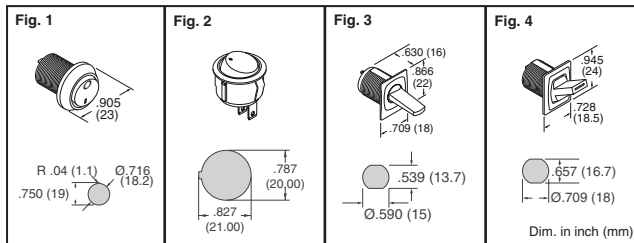
• 3/8-27 Thread (Nut is included) • 4.5" Wireleads

| Fig. | Circuit | Function | Termination | Bushing | Actuator Color | Body Color | Contact Rating | Digi-Key Part No. | 1 | Price Each 10 | 100 |
|---|--|----------------------|-------------|---------|----------------|------------|----------------|-------------------|------|---------------|------|
| Solder Tab Pushbutton | | | | | | | | | | | |
| 1A | SPST | On, Off | .110 QC | Tall | Red | Black | 14VDC, 2A | 501PB-ND | 1.06 | .90 | .81 |
| | SPST | On, Off | .110 QC | Tall | Black | Black | 14VDC, 2A | 508PB-ND | 1.17 | .99 | .89 |
| | SPST | On, Off | .110 QC | Tall | White | Black | 14VDC, 2A | 537PB-ND | 1.44 | 1.22 | 1.09 |
| | SPST | Momentary N/O | .110 QC | Tall | Red | Black | 14VDC, 2A | 502PB-ND | 1.29 | 1.09 | .98 |
| | SPST | Momentary N/O | .110 QC | Tall | Black | Black | 14VDC, 2A | 509PB-ND | 1.05 | .89 | .80 |
| | SPST | Momentary N/C | .110 QC | Tall | Red | Black | 14VDC, 2A | 503PB-ND | 1.28 | 1.09 | .97 |
| | SPST | Momentary N/C | .110 QC | Tall | Black | Black | 14VDC, 2A | 510PB-ND | 1.51 | 1.28 | 1.14 |
| | SPST | Momentary N/C | .110 QC | Tall | Red | Black | 14VDC, 2A | 536PB-ND | 1.37 | 1.16 | 1.04 |
| 1B | SPST | Momentary N/O | .110 QC | Tall | Black | Black | 125VAC, 2A | 520PB-ND | 1.89 | 1.61 | 1.43 |
| Wire Lead Pushbutton | | | | | | | | | | | |
| 2 | SPST | On, Off | 18AWG | Tall | Red | Black | 14VDC, 2A | 505PB-ND | 1.48 | 1.25 | 1.12 |
| | SPST | On, Off | 20AWG | Tall | Black | Black | 14VDC, 2A | 504PB-ND | 1.21 | 1.03 | .92 |
| | SPST | On, Off (Mom On) | 18AWG | Tall | Black | Black | 14VDC, 2A | 525PB-ND | 2.32 | 1.97 | 1.75 |
| | SPST | On, Off (Mom On) | 18AWG | Short | Black | Black | 14VDC, 2A | 526PB-ND | 2.32 | 1.97 | 1.75 |
| | SPST | Momentary N/O | 18AWG | Tall | Red | Black | 14VDC, 2A | 506PB-ND | 1.52 | 1.29 | 1.15 |
| | SPST | Momentary N/O | 18AWG | Tall | Black | Black | 14VDC, 2A | 507PB-ND | 1.51 | 1.28 | 1.14 |
| | SPST | Momentary N/O | 18AWG | Tall | Black | Black | 14VDC, 2A | 521PB-ND | 1.66 | 1.41 | 1.26 |
| | SPDT | On, Off | 18AWG | Short | Black | Black | 14VDC, 2A | 528PB-ND | 1.74 | 1.48 | 1.32 |
| | SPDT | On-On | 18AWG | Tall | Black | Black | 14VDC, 2A | 527PB-ND | 2.16 | 1.83 | 1.63 |
| | SPDT | Momentary N/O | 18AWG | Tall | Black | Black | 14VDC, 2A | 523PB-ND | 2.65 | 2.25 | 2.00 |
| | SPDT | On1, Off, On2 | 18AWG | Tall | Black | Black | 14VDC, 2A | 522PB-ND | 2.52 | 2.14 | 1.90 |
| | SPDT | On2, On1&2, On1, Off | 18AWG | Tall | White | White | 14VDC, 2A | 524PB-ND | 2.60 | 2.21 | 1.97 |
| UL Recognized with Tactile Feel Pushbutton Switches | | | | | | | | | | | |
| 2 | SPST | Momentary N/O | 18AWG | Tall | Black | Black | 14VDC, 4A | 539PB-ND | 1.84 | 1.56 | 1.39 |
| | SPST | On, Off | 18AWG | Tall | Black | Black | 14VDC, 10A | 512PB-ND | 1.48 | 1.25 | 1.12 |
| | SPST | Momentary N/C | 18AWG | Tall | Black | Black | 14VDC, 10A | 541PB-ND | 1.85 | 1.57 | 1.40 |
| | SPST | Momentary N/O | 18AWG | Tall | Black | Black | 125VAC, 2A | 538PB-ND | 1.99 | 1.69 | 1.51 |
| | SPST | On, Off | 18AWG | Tall | Black | Black | 125VAC, 6A | 511PB-ND | 1.37 | 1.17 | 1.04 |
| | SPST | Momentary N/C | 18AWG | Tall | Black | Black | 125VAC, 6A | 540PB-ND | 1.84 | 1.56 | 1.39 |
| Accessories | | | | | | | | | | | |
| — | Rubber Waterproof Boot with nut, Fits Tall Bushing, Black | | | | | | | 513PB-ND | .81 | .69 | .62 |
| | Rubber Waterproof Boot with nut, Fits Tall Bushing, Red | | | | | | | 531PB-ND | .62 | .53 | .47 |
| | Rubber Waterproof Boot with nut, Fits Short Bushing, Black | | | | | | | 532PB-ND | .88 | .75 | .67 |
| | Replacement Nut, Black Plastic | | | | | | | 516PB-ND | .16 | .14 | .13 |
| | Brass Knurled Nut | | | | | | | 533PB-ND | .63 | .54 | .48 |
| | Brass Hex Nut | | | | | | | 534PB-ND | .82 | .70 | .62 |
| Nickel Hex Nut | | | | | | | 535PB-ND | .90 | .77 | .69 | |
| Low Profile Pushbutton Switch | | | | | | | | | | | |
| 3A | SPST | On, Off | Right Angle | — | Yellow | Black | 14VDC, 500mA | 519PB-ND | 1.06 | .90 | .80 |
| 3B | SPST | On, Off | Straight | — | Yellow | Black | 14VDC, 500mA | 518PB-ND | 1.06 | .90 | .80 |
| 3C | SPDT | On1, Off, On2 | Right Angle | — | Yellow | Black | 14VDC, 500mA | 529PB-ND | 1.06 | .90 | .80 |
| | SPDT | On1, On2, Off | Right Angle | — | Teal | Black | 12VDC, 300mA | 542PB-ND | .93 | .79 | .71 |
| 3D | SPDT | On1, Off, On2 | Straight | — | Yellow | Black | 14VDC, 500mA | 530PB-ND | 1.06 | .90 | .80 |
| | SPDT | On1, On2, Off | Straight | — | Blue | Black | 12VDC, 300mA | 543PB-ND | .93 | .79 | .71 |
| Flat-Pac Pushbutton Switch | | | | | | | | | | | |
| 4 | SPST | On, Off | Right Angle | — | Black | Black | 14VDC, 2A | 514PB-ND | 2.01 | 1.70 | 1.52 |
| | SPST | On, Off | 18AWG | — | Black | Black | 14VDC, 2A | 515PB-ND | 1.59 | 1.35 | 1.21 |



E-SWITCH® Rocker Switches

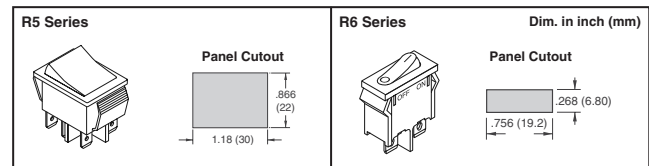
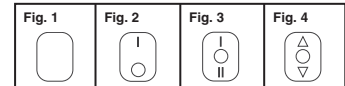
Rocker Switches and Paddle Switches for mounting in a round hole instead of a rectangular or square punch. Easy to gang together for panels or consoles. Offered in various switching options with white ink stamping or LED illumination. Red LED-20mA @ 2.0VDC, Green LED-20mA @ 2.4VDC. All switches are black in color.



| Fig. | Description | Digi-Key Part No. | Price Each 1 | 10 | 100 | E-Switch Part No. |
|------------------------|------------------------------------|-------------------|--------------|------|------|-------------------|
| Rocker Switches | | | | | | |
| 1 | SPST (On-Off) 10A with I/O Marking | EG1889-ND | 3.09 | 2.78 | 2.37 | RR3130ABLKLKFS |
| | DPDT (On-On) 10A with I/O Marking | EG1890-ND | 4.63 | 4.17 | 3.56 | RR3130BBLKLKFS |
| | SPDT (On-On) 10A with I/O Marking | EG1891-ND | 3.43 | 3.09 | 2.64 | RR3130CBLKLKFS |
| | SPST (On-Off) 10A Snap-In | EG1542-ND | 1.56 | 1.41 | 1.20 | RR3112ABLKLKNAFO |
| Paddle Switches | | | | | | |
| 3 | Mini, SPST (On-Off) 6A | EG1892-ND | 2.74 | 2.47 | 2.11 | RR3402A |
| | Mini, SPDT (On-On) 6A | EG1893-ND | 3.09 | 2.78 | 2.37 | RR3402C |
| | Mini, SPDT (On-Off-On) 6A | EG1894-ND | 3.35 | 3.02 | 2.57 | RR3402D |
| | Standard, DPST (On-Off) 10A | EG1895-ND | 4.47 | 4.03 | 3.43 | RR3405A |
| 4 | Red Illum., SPST (On-Off) 10A | EG1896-ND | 6.00 | 5.40 | 4.60 | RR3405ALRED |
| | Green Illum., SPST (On-Off) 10A | EG1897-ND | 6.00 | 5.40 | 4.60 | RR3405ALGRN |
| | Red Illum., SPDT (On-On) 10A | EG1898-ND | 6.63 | 5.97 | 5.09 | RR3405CLRED |
| | Green Illum., SPDT (On-On) 10A | EG1899-ND | 6.63 | 5.97 | 5.09 | RR3405CLGRN |

Rocker Switches

RATINGS: • R5 Series: 20A 125V, 15A 250V for circuits A, B, C 15A 125V, 10A 250V for circuit D • R6 Series: 10A 125V, 6A 250V (UL/CSA) **Contact Resistance:** <20mΩ (initial) **Electrical Life:** >10,000 Cycle **Approvals:** UL, CSA, VDE, NEMKO, SEMKO, FIMKO, DEMKO



| Fig. | Description | Digi-Key Part No. | 1 | Price Each 10 | 100 | E-Switch Part No. |
|---------------------------|-------------------------------------|-------------------|------|---------------|------|-------------------|
| R5 Non-Illuminated | | | | | | |
| 1 | DPST, On-Off, 20A Black | EG1527-ND | 1.94 | 1.75 | 1.50 | R5ABLKLKEFO |
| 1 | DPDT, On-On, 20A Black | EG1528-ND | 2.43 | 2.19 | 1.87 | R5CBLKLKEFO |
| 2 | DPST, On-Off, 20A Black | EG1529-ND | 1.94 | 1.75 | 1.50 | R5ABLKLKFFO |
| 1 | DPDT, On-Off-On, 15A Black | EG1539-ND | 3.16 | 2.85 | 2.43 | R5DBLKLKEFO |
| 3 | DPDT, On-Off-On, 15A Black | EG1540-ND | 3.16 | 2.85 | 2.43 | R5DBLKLKCFO |
| 4 | DPDT, On-Off-On, 15A Black | EG1541-ND | 3.16 | 2.85 | 2.43 | R5DBLKLKHFO |
| R5 Illuminated | | | | | | |
| 1 | DPST, 125V Red Illum., 20A Black | EG1530-ND | 3.16 | 2.85 | 2.43 | R5BBLKREDEF1 |
| 2 | DPST, 125V Red Illum., 20A Black | EG1531-ND | 3.16 | 2.85 | 2.43 | R5BBLKREDF1 |
| 1 | DPST, 125V Green Illum., 20A Black | EG1533-ND | 3.16 | 2.85 | 2.43 | R5BBLKGRNFF1 |
| 2 | DPST, 125V Green Illum., 20A Black | EG1534-ND | 3.16 | 2.85 | 2.43 | R5BBLKGRNFF2 |
| 2 | DPST, 230V Red Illum., 20A Black | EG1535-ND | 3.16 | 2.85 | 2.43 | R5BBLKGRNFF2 |
| 2 | DPST, 230V Green Illum., 20A Black | EG1536-ND | 3.15 | 2.84 | 2.42 | R5BBLKGRNFF2 |
| 2 | DPST, 12VDC Red Illum., 20A Black | EG1537-ND | 3.16 | 2.85 | 2.43 | R5BBLKREDF3 |
| 2 | DPST, 12VDC Green Illum., 20A Black | EG1538-ND | 3.16 | 2.85 | 2.43 | R5BBLKGRNFF3 |
| R6 Mini-Rocker | | | | | | |
| 1 | SPST 10A, Black Without Marking | EG1525-ND | 1.79 | 1.62 | 1.38 | R6ABLKLKEF |
| 2 | SPST 10A, Black With Marking | EG1526-ND | 1.79 | 1.62 | 1.38 | R6ABLKLKFF |

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