Basic and Lever Type Switches *(Cont.)*

Fig.	Circuitry	Current	Terminal Inch (mm)	Actuator	Actuator Length Inch (mm)	Operating Force (Max. gms.)	Digi-Key Part No.	Price Each 1	10	50	Cherry Part No.
Water and Dust Sealed — E72 Series											
6A	SPDT	10A	10" Wires	Plunger Only	.230 (5.84)	300	CH389-ND	10.91	9.70	8.09	E72-40AT
6B	SPDT	10A	10" Wires	Roller Lever	.858 (21.79)	25	CH390-ND	13.18	11.72	9.77	E72-40KT
6C	SPDT	10A	10" Wires	Roller Lever	.858 (21.79)	67	CH391-ND	11.64	10.35	8.61	E72-40HT
Internationally Approved Ultra Subminiature — DB1 Series											
7	SPDT	5A	Solder	Plunger Only	—	150	CH288-ND	4.27	3.80	3.15	DB1C-A1AA
7	SPDT	5A	PCB Pin	Plunger Only	—	150	CH289-ND	4.27	3.80	3.15	DB1C-C1AA
Panel Mount Pushbutton and Line Interrupt Switches											
8	SPDT	10A	.187" QC (4.75)	Push-Pull	.920 (23.37) Pushed	510	CH392-ND	6.37	5.67	4.73	E79-20A
8	SPDT	.1A	.187" QC (4.75)	Momentary	.845 (21.46)	425	CH386-ND	5.24	4.66	3.89	E68-00A
8	SPDT	.1A	.187" QC (4.75)	Cheat Interlock	.730 (18.54)	385	CH387-ND	5.54	4.92	4.10	E68-30A
8	SPDT	.1A	.187" QC (4.75)	Short Button Mom.	.420 (10.67)	425	CH388-ND	5.67	5.04	4.20	E68-40A
9	SPST	10A	.187" QC (4.75)	Plunger Only	—	866	CH303-ND	10.91	9.70	8.09	F81A-A110
9	SPST	10A	.250" QC (6.35)	Plunger Only	—	866	CH304-ND	10.91	9.70	8.09	F81A-A120
9	SPST	10A	.187" QC (4.75)	Barrier	—	866	CH305-ND	11.21	9.96	8.30	F81A-B110
9	SPST	10A	.250" QC (6.35)	Barrier	—	866	CH306-ND	11.21	9.96	8.30	F81A-B120
9	SPST	16A	.250" QC (6.35)	Plunger Only	—	866	CH307-ND	12.45	11.07	9.22	F82A-A120
9	SPST	16A	.250" QC (6.35)	Barrier	—	866	CH308-ND	12.64	11.24	9.37	F82A-B120
9	SPST	.1A	.250" QC (6.35)	Barrier	—	866	CH309-ND	16.58	14.74	12.29	F83A-B120
Standard Force Switches — E Series											
10A	SPDT	.1A	.187" QC (4.75)	Plunger Only	—	75	CH331-ND	4.10	3.65	3.05	E21-00A
10D	SPDT	.1A	.187" QC (4.75)	Short Roller	.810 (20.57)	75	CH332-ND	6.16	5.48	4.56	E21-00K
10B	SPDT	.1A	.187" QC (4.75)	Long Lever	1.400 (35.56)	35	CH333-ND	5.67	5.04	4.20	E21-50H
10C	SPDT	.1A	.187" QC (4.75)	Long Roller	1.340 (34.04)	35	CH334-ND	6.53	5.81	4.83	E21-50K
10A	SPDT	3A	.187" QC (4.75)	Plunger Only	—	15	CH335-ND	3.35	2.98	2.48	E22-00AX
10D	SPDT	3A	.187" QC (4.75)	Short Roller	.810 (20.57)	75	CH336-ND	4.10	3.65	3.05	E22-00K
10B	SPDT	3A	.187" QC (4.75)	Long Lever	1.400 (35.56)	8	CH337-ND	3.75	3.34	2.78	E22-50HX
10B	SPDT	3A	.187" QC (4.75)	Long Lever	1.400 (35.56)	35	CH338-ND	3.48	3.10	2.59	E22-50H
10C	SPDT	3A	.187" QC (4.75)	Long Roller	1.340 (34.04)	35	CH339-ND	4.10	3.65	3.05	E22-50K
10B	SPDT	3A	.187" QC (4.75)	Long Lever	2.757 (70.03)	4	CH340-ND	3.75	3.34	2.78	E22-55HX
10B	SPDT	3A	.187" QC (4.75)	Long Lever	2.932 (74.47)	2	CH341-ND	3.92	3.48	2.90	E22-85HX
10A	SPDT	5A	.187" QC (4.75)	Plunger Only	—	45	CH342-ND	3.05	2.72	2.27	E23-00AX
10A	SPDT	5A	.187" QC (4.75)	Plunger Only	—	170	CH343-ND	2.84	2.52	2.10	E23-00A
10D	SPDT	5A	.187" QC (4.75)	Short Roller	.810 (20.57)	170	CH344-ND	4.19	3.72	3.11	E23-00K
10B	SPDT	5A	.187" QC (4.75)	Long Lever	1.400 (35.56)	22	CH345-ND	4.02	3.58	2.63	E23-50HX
10C	SPDT	5A	.187" QC (4.75)	Long Roller	1.340 (34.04)	86	CH346-ND	4.19	3.72	3.11	E23-50K
10B	SPDT	5A	.187" QC (4.75)	Long Lever	2.757 (70.03)	10	CH347-ND	3.86	3.44	2.86	E23-55HX
10B	SPDT	5A	.187" QC (4.75)	Long Lever	2.932 (74.47)	6	CH348-ND	3.86	3.44	2.86	E23-85HX
10A	SPDT	10A	.187" QC (4.75)	Plunger Only	—	285	CH349-ND	2.73	2.43	2.02	E33-00A
10D	SPDT	10A	.187" QC (4.75)	Short Roller	.810 (20.57)	285	CH350-ND	3.51	3.12	2.61	E33-00K
10B	SPDT	10A	.187" QC (4.75)	Long Lever	1.400 (35.56)	144	CH351-ND	3.13	2.79	2.31	E33-50H
10C	SPDT	10A	.187" QC (4.75)	Long Roller	1.340 (34.04)	144	CH352-ND	3.62	3.22	2.69	E33-50K
10B	SPDT	10A	.187" QC (4.75)	Long Lever	2.757 (70.03)	17	CH353-ND	3.35	2.98	2.48	E33-55HX
10C	SPDT	10A	.187" QC (4.75)	Long Roller	1.580 (40.13)	22	CH354-ND	3.35	2.98	2.48	E33-75HX
10B	SPDT	10A	.187" QC (4.75)	Long Lever	1.516 (38.51)	10	CH355-ND	3.83	3.41	2.84	E33-85GX
10A	SPDT	15A	.187" QC (4.75)	Plunger Only	—	400	CH356-ND	3.13	2.79	2.31	E34-00A
10D	SPDT	15A	.187" QC (4.75)	Short Roller	.810 (20.57)	400	CH357-ND	4.02	3.58	2.99	E34-00K
10B	SPDT	15A	.187" QC (4.75)	Long Lever	1.400 (35.56)	50	CH358-ND	3.46	3.08	2.57	E34-50HX
10B	SPDT	15A	.187" QC (4.75)	Long Lever	1.400 (35.56)	200	CH359-ND	3.46	3.08	2.57	E34-50H
10C	SPDT	15A	.187" QC (4.75)	Long Roller	1.340 (34.04)	200	CH360-ND	3.97	3.53	2.94	E34-50K
10B	SPDT	15A	.187" QC (4.75)	Plastic Lever	1.382 (35.10)	200	CH361-ND	3.32	2.96	2.46	E34-50N
10B	SPDT	15A	.187" QC (4.75)	Long Lever	2.757 (70.03)	22	CH362-ND	3.51	3.12	2.61	E34-55HX
10B	SPDT	15A	.187" QC (4.75)	Long Lever	2.932 (74.47)	13	CH363-ND	3.70	3.29	2.73	E34-85HX
Miniature International — D4 Series											
11A	SPDT	.1A	.187" QC (4.75)	Button	—	75	CH115-ND	4.54	4.04	3.36	D41C-R1AA
11A	SPDT	.1A	.187" QC (4.75)	Button	—	15	CH119-ND	4.78	4.25	3.55	D41L-R1AA
11B	SPDT	.1A	.187" QC (4.75)	Lever Std. Ratio	1.400 (35.56)	35	CH297-ND	4.97	4.42	3.68	D41C-R1LD
11B	SPDT	.1A	.187" QC (4.75)	Lever High Ratio	2.93 (74.47)	2	CH118-ND	4.97	4.42	3.68	D41L-R1XL
11C	SPDT	.1A	.187" QC (4.75)	Roller Std. Ratio	.810 (20.57)	75	CH117-ND	5.18	4.61	3.85	D41C-R1RA
11C	SPDT	.1A	.187" QC (4.75)	Roller Std. Ratio	1.340 (34.04)	35	CH298-ND	5.18	4.61	3.85	D41C-R1RD
11A	SPDT	3A	.187" QC (4.75)	Button	—	75	CH120-ND	2.48	2.21	1.85	D42C-R1AA
11A	SPDT	3A	.187" QC (4.75)	Button	—	15	CH124-ND	2.92	2.60	2.17	D42L-R1AA
11B	SPDT	3A	.187" QC (4.75)	Lever High Ratio	2.93 (74.47)	2	CH123-ND	4.40	3.92	3.26	D42L-R1XL
11C	SPDT	3A	.187" QC (4.75)	Roller Std. Ratio	.810 (20.57)	75	CH122-ND	3.43	3.05	2.55	D42C-R1RA
11A	SPDT	5A	.187" QC (4.75)	Button	—	170	CH125-ND	2.46	2.19	1.83	D43C-R1AA
11A	SPDT	5A	.187" QC (4.75)	Button	—	45	CH129-ND	2.78	2.48	2.06	D43L-R1AA
11B	SPDT	5A	.187" QC (4.75)	Lever High Ratio	2.93 (74.47)	6	CH128-ND	3.46	3.08	2.57	D43L-R1ML
11C	SPDT	5A	.187" QC (4.75)	Roller Std. Ratio	.810 (20.57)	170	CH127-ND	3.56	3.17	2.65	D43C-R1RA
11A	SPDT	10A	.187" QC (4.75)	Button	—	285	CH130-ND	2.48	2.21	1.85	D44C-R1AA
11A	SPDT	10A	.187" QC (4.75)	Button	—	75	CH134-ND	2.73	2.43	2.02	D44L-R1AA
11B	SPDT	10A	.187" QC (4.75)	Lever Std. Ratio	.865 (21.97)	285	CH131-ND	2.97	2.64	2.21	D44C-R1LA
11B	SPDT	10A	.187" QC (4.75)	Lever Std. Ratio	1.400 (35.56)	35	CH299-ND	3.00	2.67	2.23	D44L-R1LD
11B	SPDT	10A	.187" QC (4.75)	Lever High Ratio	2.93 (74.47)	10	CH133-ND	3.24	2.88	2.40	D44L-R1ML
11C	SPDT	10A	.187" QC (4.75)	Roller Std. Ratio	.810 (20.57)	285	CH132-ND	3.27	2.91	2.42	D44C-R1RA
11C	SPDT	10A	.187" QC (4.75)	Roller Std. Ratio	—	75	CH301-ND	3.62	3.22	2.69	D44L-R1RA
11A	SPDT	15A	.187" QC (4.75)	Button	—	400	CH135-ND	2.97	2.64	2.21	D45C-R1AA
11A	SPDT	15A	.187" QC (4.75)	Button	—	100	CH139-ND	2.97	2.64	2.21	D45L-R1AA
11B	SPDT	15A	.187" QC (4.75)	Lever Std. Ratio	.865 (21.97)	400	CH136-ND	3.27	2.91	2.42	D45C-R1LA
11B	SPDT	15A	.187" QC (4.75)	Lever High Ratio	2.93 (74.47)	13	CH138-ND	3.13	2.79	2.31	D45L-R1ML
11B	SPDT	15A	.187" QC (4.75)	Lever Std. Ratio	2.93 (74.47)	17	CH302-ND	2.97	2.64	2.21	D45L-R1LL
11C	SPDT	15A	.187" QC (4.75)	Roller Std. Ratio	.810 (20.57)	400	CH137-ND	3.54	3.15	2.63	D45C-R1RA

Fig. 6
Series E70

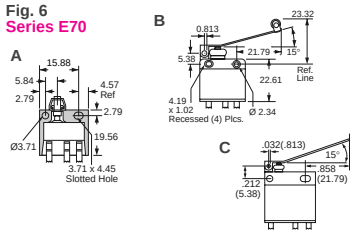


Fig. 7
Series DB

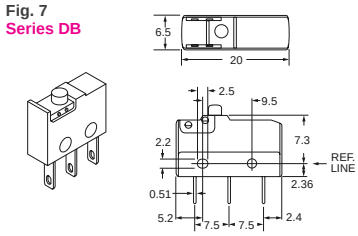


Fig. 8
Series E79, E68

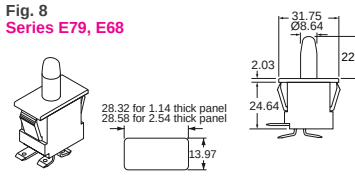


Fig. 9
Series F80

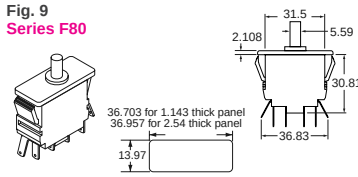
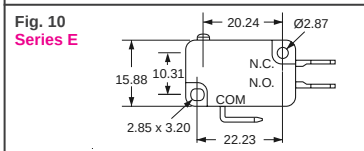
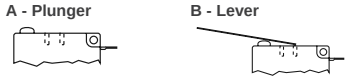


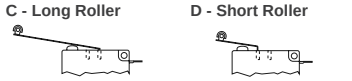
Fig. 10
Series E



A - Plunger **B - Lever**

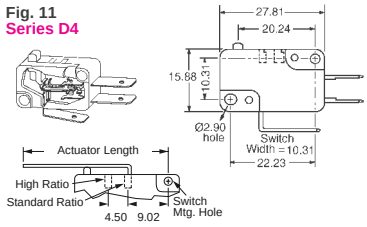


C - Long Roller **D - Short Roller**

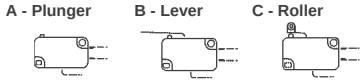


Ratings: E21: 0.1 amp 125VAC, Gold contacts. **E22:** 3 amps 250VAC. **E23:** 5 amps 250VAC. **E33:** 10 amps 250VAC. **E34:** 15 amps 250VAC, UL94HB

Fig. 11
Series D4



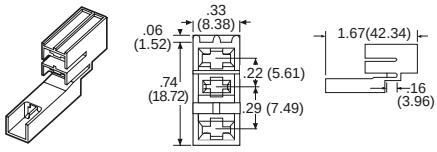
A - Plunger **B - Lever** **C - Roller**



Ratings: 187 QC terminals.
D41: 0.1 amps 125VAC, Gold crosspoint contacts. **D42:** 3 amps 125/250VAC. **D43:** 5 amps, 1/4 H.P., 125/250VAC. **D44:** 10 amps, 1.2 H.P., 125/250VAC. **D45:** 15 amps. 1/2 H.P., 125/250VAC.

molex GC/Waldom Switch Connector and Terminal

(TO BE USED WITH D4 and E SERIES)



Switch Connector:
• 94V-2 Nylon • U.L. Approved • Accepts 14-28 AWG • No. of Circuits: 3 • Maximum Current Rating: 10 • Maximum Voltage Rating: 250 • Mounting Ears: No • Maximum Panel Thickness: N/A • Eng. No.: 2191

WM2553-ND Connector ..... **$.53**/1; **$3.83**/10; **$34.00**/100

Terminal:
Without Detent, Loose Form

WM2514-ND Terminal..... **$.20**/1; **$1.49**/10; **$13.20**/100

G