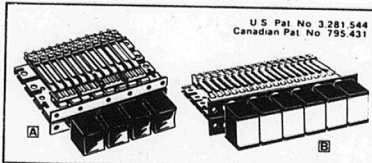


# SWITCHCRAFT®

## "Multi-Switch" Switches

### LITTEL "MULTI-SWITCH" SWITCHES



U.S. Pat. No. 3,281,544  
Canadian Pat. No. 795,431

Compact, versatile high-quality, multiple station pushbutton switches. Standard functions available. Interlock-actuating a pushbutton automatically restores to normal the pushbutton previously actuated. Lock-Out-prevents operation of more than one pushbutton at a time. This feature is included on all interlock frames. Push-Lock/Push-Release - pushbuttons lock when depressed and are released when again depressed. Buttons on 1/4" centers.

### SERIES 35000 NON-ILLUMINATED SWITCHES

Switches mount on panels up to 1/4" thick. Provides DPDT switching in 1/4 sq. in. Narrow rectangular silhouette permits stacking in parallel rows in 1/4 sq. in. Only 2 1/2" depth behind panel. End brackets have four 6-32 tapped Plungers made from .050" x .187" steel will accept .050" x .187" plungers. As well as Switchcraft Pushbuttons Series 590, A-590, C-590, D-590, E-590, 600 and Glo-Button pushbuttons Series X, Y, and Z pushbuttons. Glo-Button switches, each station includes two No. 83P switchstacks. On 4-C PER STATION switches, each station includes four No. 83P switchstacks. The following part numbers cover completely assembled and factory tested switches.

Part Numbers/2-C PER STATION									
Interlock with Lock-Out	Push-Lock/ Push-Release	No. of Stations	Ex. 1-9	10	25	49	50	99	100
35041K-208	35047-208	6	16.09	14.85	13.61	12.38			
35061K-208	35067-208	6	12.52	20.79	19.06	17.33			
35081K-208	35087-208	6	28.96	26.73	24.50	22.27			
35101K-208	35107-208	6	35.39	32.67	29.95	27.23			
35121K-208	35127-208	12	41.36	38.73	36.05	33.32			

Part Numbers/4-C PER STATION									
Interlock with Lock-Out	Push-Lock/ Push-Release	No. of Stations	Ex. 1-9	10	25	49	50	99	100
35041K-212	35047-212	4	22.65	20.91	19.17	17.43			
35061K-212	35067-212	4	12.52	20.79	19.06	17.33			
35081K-212	35087-212	4	42.25	39.00	35.75	32.50			
35101K-212	35107-212	10	48.06	45.06	42.06	39.06			
35121K-212	35127-212	12	61.78	57.83	53.88	49.93			

### SERIES 37000 SINGLE LAMP ILLUMINATED SWITCHES

Identical in switching functions and characteristics as non-illuminated Series 35000, but features large rectangular square pushbuttons which serve as a Switches mount in parallel rows from 1" centers and up. Depth behind panel insert, can be hot stamped or engraved, are furnished for switching and release switch stacks, one No. H-83P lighting stack and one No. H (convenience) lighting. "M" - pushbuttons light in "OUT" position; and "N" - pushbuttons light in "H" and "N" positions. "O" - pushbuttons light in "OUT" position; and "N" - pushbuttons light in "H" and "N" positions. A single 6V or 28V lamp can be used at each station, not furnished with switch. The following part numbers cover completely assembled and factory tested switches.

Part Numbers/2-C PER STATION									
Interlock with Lock-Out	Push-Lock/ Push-Release	No. of Stations	Ex. 1-9	10	25	49	50	99	100
37041K-1206	37047-1206	4	28.18	26.01	23.84	21.67			
37061K-1206	37067-1206	6	40.45	37.35	34.24	31.13			
37081K-1206	37087-1206	8	55.41	51.45	47.49	43.53			
37101K-1206	37107-1206	10	65.49	60.45	55.41	50.37			
37121K-1206	37127-1206	12	77.94	71.94	65.95	59.95			

### SERIES 38000 TWIN LAMP ILLUMINATED SWITCHES

Same compact assembly and versatility as Series 37000, except features twin lamp illumination at each station for redundant or two color, split-face No. H-83P lighting switch stacks and one No. H lighting stack. Two separate Series 35000 accept standard industry No. 716 flange base lamp. Two lamps are not furnished with switch. The following part numbers cover completely assembled and factory tested switches.

### DW "MULTI-SWITCH" SWITCHES

New, economy, multiple station pushbutton switch. Max. switching per station is 4-C (D.P.D.T.). Each station utilizes specially designed switching modules with 1/4" shaped, high reliable bifurcated contactors rated at 3 amps, A.C.; 0.5 amp, D.C.; 125 V, non-inductive load. DW "Multi-Switch" switches are available in 5 series: 65000, 67000, All provide standard functions: Interlock-actuating a pushbutton automatically restores to normal the pushbutton previously actuated. Lock-Out - prevents operation of more than one pushbutton at a time. This feature is included on all interlock frames. All-Lock - all pushbuttons, except release, when depressed. All pushbuttons restore to normal by actuating (momentary) release pushbutton. Push-Lock/Push-Release - pushbuttons lock when depressed and release when again depressed. All Series - pushbuttons on 1/4" centers.

Pat. No. 3,517,140  
Can. Pat. No. 882,307



Pat. No. 3,517,140  
Can. Pat. No. 882,307

### SERIES 65000

Series 65000 switches are completely assembled and tested at the factory. All standard assemblies have 2-C and/or 4-C switch modules with solder-jug terminals. Integral black pushbutton-actuators at each station. Eliminates the need for separate pushbutton loss. Mount with only two No. 6 screws (not furnished). Depth behind panel is 1 1/4". 4-C assemblies - 1 1/4". Overall switch height is 7/8". The following part numbers cover a completed switch assembly. Only the most commonly used switch assemblies are listed here:

Part Numbers/2-C PER STATION									
Interlock with Lock-Out	Push-Lock/ Push-Release	No. of Stations	Ex. 1-9	10	25	49	50	99	100
65041K-208	65047-208	4	4.40	3.30	3.03	2.76			
65061K-208	65067-208	6	8.32	4.74	4.35	3.95	3.18		
65081K-208	65087-208	8	12.24	6.18	5.67	5.16	4.65		
65101K-208	65107-208	10	10.20	7.95	6.95	5.95	4.95		
65121K-208	65127-208	12	12.18	9.12	8.36	7.60	6.84		

Part Numbers/4-C PER STATION									
Interlock with Lock-Out	Push-Lock/ Push-Release	No. of Stations	Ex. 1-9	10	25	49	50	99	100
65041K-212	65047-212	4	5.66	4.41	4.10	3.73			
65061K-212	65067-212	6	9.00	6.75	6.18	5.62	5.06		
65081K-212	65087-212	8	11.72	8.75	8.08	7.33	6.66		
65101K-212	65107-212	10	11.72	8.75	8.08	7.33	6.66		
65121K-212	65127-212	12	12.00	9.12	8.36	7.60	6.84		

### SERIES 67000

New illuminated Series 67000 DW "Multi-Switch" switches retain all square pushbutton. [B] providing brilliant, evenly-diffused lighting. Standard white pushbuttons easily snap-off actuators for simple front-of-panel relamping. Lamp sockets, at each station, accept a single 6V, and/or 28V lamp, with only two #6-32 machine screws (not furnished). Series 67000 mount "stand-offs" are integral with the frame and are used to provide proper panel fitting of the switches. Depth behind panel is 1 1/4" (2-C switching); 2 1/4" (4-C switching). Series 67000 is 1 1/4" high.

Part Numbers/2-C PER STATION									
Interlock with Lock-Out	Push-Lock/ Push-Release	No. of Stations	Ex. 1-9	10	25	49	50	99	100
67021K-506	67027-506	2	3.23	2.99	2.66	2.33			
67041K-506	67047-506	4	5.20	4.93	4.33	3.75	2.69		
67061K-506	67067-506	6	10.04	7.53	6.90	6.28	5.62		
67081K-506	67087-506	8	17.64	12.23	11.13	10.03	8.92		
67101K-506	67107-506	10	16.18	12.17	11.11	10.10	9.08		
67121K-506	67127-506	12	19.32	14.49	13.28	12.08	10.88		

Part Numbers/4-C PER STATION									
Interlock with Lock-Out	Push-Lock/ Push-Release	No. of Stations	Ex. 1-9	10	25	49	50	99	100
67021K-512	67027-512	4	5.20	4.93	4.33	3.75	2.69		
67041K-512	67047-512	4	9.23	6.80	6.33	5.75	4.69		
67061K-512	67067-512	6	17.64	12.23	11.13	10.03	8.92		
67081K-512	67087-512	8	17.64	12.23	11.13	10.03	8.92		
67101K-512	67107-512	10	21.56	16.17	14.82	13.48	12.14		
67121K-512	67127-512	12	25.70	19.32	17.71	16.10	14.48		

Part Numbers/2-C PER STATION									
Interlock with Lock-Out	Push-Lock/ Push-Release	No. of Stations	Ex. 1-9	10	25	49	50	99	100
38041K-1206	38047-1206	4	36.34	33.54	30.75	27.95			
38061K-1206	38067-1206	6	52.68	48.62	44.56	40.50			
38081K-1206	38087-1206	8	69.49	64.14	58.80	53.45			
38101K-1206	38107-1206	10	85.50	79.20	72.60	66.00			
38121K-1206	38127-1206	12	102.25	94.38	86.52	78.65			

FOR DETAILED INFORMATION AND/OR ADDITIONAL TYPES AND MODELS  
REQUEST A COPY OF SWITCHCRAFT'S ENGINEERING SPECIFICATION CATALOG.

# SWITCHCRAFT®

## Pushbutton Switches

U.S. Pat. No. 3,446,467



### "UNISWITCH" SWITCH

New, low cost momentary action pushbutton switches. Only 1 1/4" sq. and mount in a single panel cutout. 815 sq. in. front of panel. Contacts rated at 250 ma., 30 watts max., A.C. non-inductive load. Series US non-illuminated. Series LUS illuminated. Use one 6V or 28V, 1 1/4" hi-pin lamp. (Not supplied with switch.) Lamps replaced from front of panel. Both switches incorporate a special "Adjusto-Clip" which allows simple, "snap-lock" mounting. The "Uniswitch" switches mount in panels 1 1/4" max. thick in .015" sq. holes. Depth behind panel only 1 1/4" max. "Uniswitch" switches available in 1-A circuit (SPST n.o.).

### Part Numbers

Pushbutton Colors									
Red	White	Yellow	Ex. 1-9	10	25	49	50	99	100
LUS-01-1	LUS-05-1	LUS-08-1	1.76	1.32	1.21	1.10	.88		
US-01-1	US-05-1	US-08-1	1.36	1.02	.935	.85	.68		

### "TINY-SWITCH" PUSHBUTTON SWITCHES

Series 950, 960, and Series 980, black button, sub-miniature pushbutton switches for limited space applications. Integral contacts suitable for low level circuits where contact resistance is not important. Mounts in 1/4" hole in panels up to 1/4" thick; depth behind panel 1/4".



Part Number	Black Button	Action	Schematic	Ex. 1-9	10	25	49	50	99	100
951	981	983	S.P.S.T. D.T.	1-A	1.08	.81	.743	.675	.54	.48
			C	1-C	1.36	1.02	.935	.85	.68	

### "BOX SWITCH" SERIES BXR

Miniature non-illuminated momentary pushbutton switch offers broad switching capabilities in minimum panel space. 1 1/4" square switch mounts in panels up to 1 1/4" thick and requires only one main mounting hole in panel space. 1 1/4" less panel thickness.) Molded plastic body protects against dust and dirt; prevents bending/actuating caused by excessive handling. Attractive bezel frames pushbutton and acts as built-in escutcheon plate. Unique "Adjusto-Clip" mounting, provides snap-in, front of panel mounting in panels from 1/4" to 1/2" thick. Integral side contact of special spring tempered phosphor bronze. Silver-plated, rated at 250 ma., 30 watts max., A.C. non-inductive load. Choose solder lug/quick connect (AMP FASTON Series 110) or P.C. terminals.

Red Button	Black Button	Green Button	White Button	Action	Schem.	Ex. 1-9	10	25	49	50	99	100
BXR-01-6	BXR-02-6	BXR-03-6	BXR-04-6	DPDT	2-C	3.64	2.73	2.50	2.28	1.82		

Red Button	Black Button	Green Button	White Button	Action	Schem.	Ex. 1-9	10	25	49	50	99	100
BXR-01-6PC	BXR-02-6PC	BXR-03-6PC	BXR-04-6PC	DPDT	2-C	3.64	2.73	2.50	2.28	1.82		

### P.C. TERMINALS

Red Button	Black Button	Green Button	White Button	Action	Schem.	Ex. 1-9	10	25	49	50	99	100
BXR-01-6PC	BXR-02-6PC	BXR-03-6PC	BXR-04-6PC	DPDT	2-C	3.64	2.73	2.50	2.28	1.82		

### UNIPUSH SWITCHES, SERIES UP

Low-cost, single-station, pushbutton switches with gold alloy contacts to provide up to 10 million operations (1-10 ma., 4-14 vdc, resistive). Fig. 10 Series UP100; momentary action, front-of-panel mounting, solder lug/quick connect terminals. Series UP200, same as Series UP100, but with "T" terminals; 1-A and 2-A switching only. Series UP300; pushbutton release function, front mounting, solder lug/quick connect terminals.

Part No.	Fig.	Circuitry	Es. 1-9	10-24	25-49	50-99	100-249
UP-101M	A	1-A	1.12	.84	.77	.70	.56
UP-104M	A	2-A	1.28	.96	.88	.80	.64
UP-201M	A	1-A	1.12	.84	.77	.70	.56
UP-204M	A	2-A	1.28	.96	.88	.80	.64
UP-301L	A	1-A	1.36	1.02	.935	.85	.68
UP-304L	A	2-A	1.52	1.14	1.05	.95	.76
UP-313L	A	1-A & 1-B	1.52	1.14	1.05	.95	.76

### PUSHBUTTONS, SERIES PB11 AND PB12

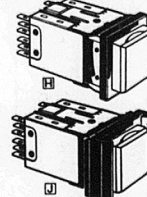
Attractive, rugged, square pushbuttons designed for Unipush switches. Fig. 10 Series PB11 (1 1/4" sq.); Fig. 10 Series PB12 (1 1/4" sq.). Concave pushbutton faces provide positive fingertip "feel".

Part No.	Fig.	Color	Part No.	Fig.	Color
PB-11-01	C	Red	PB-11-05	C	White
PB-11-02	C	Black	PB-11-06	C	Yellow
PB-11-03	C	Green	PB-11-07	C	Grey
PB-11-04	C	Blue			

Series No.	Fig.	Ex. 1-9	10	25	49	50	99	100
PB-11	C	2.0	.15	.138	.125	.10		
PB-12	D	2.4	.18	.165	.15	.12		

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### SERIES PL "PUSH-LITE" SWITCHES

"Push-Lite" switch is the first completely enclosed, lighted pushbutton switch which features long-life, highly-reliable, leaf-spring switching. Available in momentary or push-lock/push-release functions: single or twin lamps, with or without barriers; full or split-face display; 1-C to 4-C switching; black switch housing. Standard pushbutton color is white. Molded crossbar pushbutton contacts rated at 2 amps, 200 watts max., A.C., non-inductive load are standard. Mount on clamp-type or panel-type screws, washers or nuts required. [A] Flange mounting requires 1 1/4" x .875" (nongt cutout) barrier mounting requires 1 1/4" x .875" (nongt cutout). Can be mounted in vertical or horizontal rows and in matrices. Depth behind panel only 1 1/4". "Push-Lite" switch accepts standard T4 1/4" flange base lamp (not furnished with switch) in either 6V or 28V. Specify one lamp for single lamp type or two lamps of twin-lamp type when standard or split-face lighting is required. Barriers optional.

U.S. Pat. No. 3,681,552