

# Switch Selection Guide

## TOGGLES - SECTION A

MAXIMUM RATING	SIZE	MOUNTING					TERMINALS					PROCESS SEAL	SERIES
		PC Board	Bush-ing	Snap-in	Two Screw	Solder Lug	PC	Quick Connect	Wire-Wrap	Screw	SMD Gull Wing		
0.4VA @ 28V AC/DC	ultra-mini	•					•					•	<a href="#">G</a>
0.4VA @ 28V AC/DC	ultra-mini	•					•					•	<a href="#">G Illum</a>
0.4VA @ 28V AC/DC	ultra-mini										•	•	<a href="#">G3T</a>
0.4VA @ 28V AC/DC	submini	•					•					•	<a href="#">A</a>
0.4VA @ 28V AC/DC	submini	•					•					•	<a href="#">B</a>
0.4VA @ 28V AC/DC	submini	•					•					•	<a href="#">B Illum</a>
0.4VA @ 28V AC/DC	miniature	•	•			•	•	•	•			•	<a href="#">M</a>
0.4VA @ 28V AC/DC	miniature	•				•	•					•	<a href="#">M2T</a>
0.4VA @ 28V AC/DC	miniature	•	•			•	•	•					<a href="#">M2100</a>
0.4VA @ 28V AC/DC	miniature		•			•							<a href="#">TL</a>
0.4VA @ 48V AC/DC	miniature	•	•			•	•						<a href="#">D2</a>
6A @ 125V AC	miniature	•	•			•	•	•	•				<a href="#">M</a>
6A @ 125V AC	miniature	•				•	•					•	<a href="#">M2T</a>
6A @ 125V AC	miniature	•	•			•	•	•					<a href="#">M2100</a>
6A @ 125V AC	miniature		•			•							<a href="#">TL</a>
10A @ 125V AC	standard	•	•			•	•	•					<a href="#">P</a>
10A @ 125V AC	standard		•			•			Wire Lead	•			<a href="#">WT</a>
5A @ 125V AC	standard		•			•							<a href="#">S Low Cap</a>
15~20A @ 125V AC	standard		•			•		•					<a href="#">S Med Cap</a>
15~25A @ 125V AC	standard		•			•		•			•		<a href="#">S Med/Hi</a>
30~50A @ 125V AC	standard		•								•		<a href="#">S Hi Cap</a>
30A @ 125V AC/DC	standard		•								•		<a href="#">S AC/DC</a>

## ROCKERS - SECTION B

MAXIMUM RATING	SIZE	MOUNTING					TERMINALS					PROCESS SEAL	SERIES
		PC Board	Bush-ing	Snap-in	Two Screw	Solder Lug	PC	Quick Connect	Wire-Wrap	Screw			
0.4VA @ 28V AC/DC	ultra-mini	•					•					•	<a href="#">G</a>
0.4VA @ 28V AC/DC	ultra-mini	•					•					•	<a href="#">GW</a>
0.4VA @ 28V AC/DC	ultra-mini	•					•					•	<a href="#">GW Illum</a>
0.4VA @ 28V AC/DC	submini	•					•					•	<a href="#">A</a>
0.4VA @ 28V AC/DC	miniature	•		•	•	•	•	•	•			•	<a href="#">M</a>
0.4VA @ 28V AC/DC	miniature	•				•	•					•	<a href="#">M2T</a>
0.4VA @ 28V AC/DC	miniature	•				•	•	•					<a href="#">M2100</a>
3A @ 250V AC	miniature			•		•	•						<a href="#">CWT</a>
5A @ 125V AC	miniature			•		•	•						<a href="#">MLW</a>
6A @ 125V AC	miniature			•		•	•						<a href="#">CWT</a>
6A @ 125V AC	miniature	•		•	•	•	•	•	•			•	<a href="#">M</a>
6A @ 125V AC	miniature	•		•		•	•					•	<a href="#">M2T</a>
6A @ 125V AC	miniature	•		•	•	•	•	•					<a href="#">M2100</a>
6A @ 250V AC	miniature	•		•		•	•	•					<a href="#">CWS</a>
9A @ 125V AC	miniature			•		•	•	•					<a href="#">CWSB Illum</a>
9A @ 125V AC	miniature			•		•	•	•					<a href="#">CWSC Illum</a>
10A @ 125V AC	standard			•	•	•	•	•					<a href="#">P</a>
10A @ 125V AC	standard			•		•	•						<a href="#">LW</a>
10A @ 125/250V AC	miniature			•		•	•	•					<a href="#">JWS</a>
10A @ 125/250V AC	standard			•		•	•	•					<a href="#">JWM</a>
15A @ 125/250V AC	standard			•		•	•	•	Wire Lead	•			<a href="#">WR</a>
16A @ 125/250V AC	standard			•		•	•	•					<a href="#">JWL</a>
20A @ 110V AC	std/hi cap				•	•	•						<a href="#">LW</a>
15~20A @ 125V AC	standard				•	•	•						<a href="#">SW Med</a>
30A @ 125V AC/DC	standard				•	•	•				•		<a href="#">SW Hi Cap</a>

# Switch Selection Guide

## PUSHBUTTONS - SECTION C

MAXIMUM RATING	SIZE	MOUNTING					TERMINALS					PROCESS SEAL	SERIES
		PC Board	Bush-ing	Snap-in	Two Screw	Solder Lug	PC	Quick Connect	Wire-Wrap	Screw	SMD Gull Wing		
0.4VA @ 28V AC/DC	ultra-mini	•					•					•	<a href="#">GB</a>
0.4VA @ 28V AC/DC	ultra-mini	•					•						<a href="#">GB2</a>
0.4VA @ 28V AC/DC	ultra-mini										•	•	<a href="#">G3B</a>
0.4VA @ 28V AC/DC	submini	•					•					•	<a href="#">AB</a>
0.4VA @ 28V AC/DC	submini	•					•					•	<a href="#">BB</a>
0.4VA @ 28V AC/DC	miniature	•	•				•						<a href="#">DB</a>
0.4VA @ 28V AC/DC	miniature	•	•	•		•	•						<a href="#">EB</a>
0.4VA @ 28V AC/DC	submini		•				Turret						<a href="#">FB</a>
0.4VA @ 28V AC/DC	miniature	•					•					•	<a href="#">M2B</a>
0.4VA @ 28V AC/DC	miniature	•	•	•		•	•	•	•				<a href="#">MB2000</a>
0.4VA @ 28V AC/DC	miniature	•	•	•		•	•		•				<a href="#">MB2400</a>
0.4VA @ 28V AC/DC	miniature	•	•	•		•	•						<a href="#">MB2500</a>
0.4VA @ 28V AC/DC	miniature		•			•							<a href="#">SB4011</a>
500mA @ 125V AC	submini		•				Turret						<a href="#">FB</a>
1A @ 125V AC	miniature	•					•					•	<a href="#">M2B</a>
3A @ 125V AC	miniature	•	•	•		•	•						<a href="#">EB</a>
3A @ 125V AC	miniature	•	•	•		•	•		•				<a href="#">MB2400</a>
3A @ 125V AC	miniature	•	•	•		•	•						<a href="#">MB2500</a>
3A @ 125V AC	miniature		•			•							<a href="#">SB4011</a>
6A @ 125V AC	miniature	•	•	•		•	•	•	•				<a href="#">MB2000</a>
6A @ 125V AC	standard		•			•			Wire Lead	•			<a href="#">WB</a>
10A @ 125/250V AC	standard			•		•		•					<a href="#">JPM</a>
15A @ 125V AC	standard		•			•					•		<a href="#">SB</a>
15A @ 125V AC	standard		•					•					<a href="#">SCB</a>
16A @ 125/250V AC	standard			•		•		•					<a href="#">JPL</a>

## ILLUMINATED PUSHBUTTONS - SECTION D

MAXIMUM RATING	SIZE	MOUNTING				TERMINALS					PROCESS SEAL	SERIES	
		PC Board	Bush-ing	Snap-in	Two Screw	Solder Lug	PC	Quick Connect	Wire-Wrap	Screw			
0.4VA @ 28V AC/DC	ultra-mini	•					•						<a href="#">GB</a>
0.4VA @ 28V AC/DC	submini	•					•						<a href="#">HB2</a>
0.4VA @ 28V AC/DC	submini	•					•						<a href="#">NP01</a>
0.4VA @ 28V AC/DC	miniature	•	•	•		•	•						<a href="#">KB</a>
0.4VA @ 28V AC/DC	miniature	•		•		•	•						<a href="#">UB</a>
0.4VA @ 28V AC/DC	miniature	•		•		•	•						<a href="#">UB2</a>
0.4VA @ 28V AC/DC	miniature		•	•		•	•	•					<a href="#">YB</a>
0.4VA @ 28V AC/DC	standard	•	•	•		•	•	•					<a href="#">LB</a>
0.4VA @ 28V AC/DC	standard		•			•		•				•	<a href="#">YB2</a>
0.1A @ 30V AC/DC	submini		•			•							<a href="#">HB</a>
100mA @ 12V DC	miniature	•					•						<a href="#">KP</a>
1A @ 125/250V AC	miniature	•	•	•		•	•						<a href="#">KB</a>
3A @ 125/250V AC	miniature		•	•		•	•	•					<a href="#">YB</a>
3A @ 125/250V AC	miniature		•	•		•	•	•					<a href="#">LP01</a>
3A @ 125/250V AC	standard	•	•	•		•	•	•					<a href="#">LB</a>
3A @ 125/250V AC	standard		•			•		•				•	<a href="#">YB2</a>
5A @ 125/250V AC	miniature	•		•		•	•						<a href="#">UB</a>
5A @ 125/250V AC	miniature	•		•		•	•						<a href="#">UB2</a>
5V Photo Interrupter	standard			•									* <a href="#">FP01</a>

\* See FP01 Series for connector options

# Switch Selection Guide

## SMARTSWITCH PROGRAMMABLE - SECTION E

MAXIMUM RATING	SIZE	LCD	OLED	RESOLUTION (PIXELS)	MOUNTING		TERMINALS	SERIES
					PC Board	Snap-in	PC	
<b>PUSHBUTTON</b>								
100mA @ 12V DC	standard		•	64 x 48	•		•	<a href="#">IS</a>
100mA @ 12V DC	standard	•		64 x 32	•		•	<a href="#">IS</a>
100mA @ 12V DC	compact	•		64 x 32	•		•	<a href="#">IS</a>
100mA @ 12V DC	standard	•		36 x 24	•	* •	•	<a href="#">IS</a>
100mA @ 12V DC	compact	•		36 x 24	•		•	<a href="#">IS</a>
<b>DISPLAY</b>								
	standard		•	52 x 36				<a href="#">IS</a>
	standard	•		64 x 32				<a href="#">IS</a>
	standard	•		36 x 24				<a href="#">IS</a>
<b>ROCKER</b>								
3VA maximum DC			•	96 x 64			•	<a href="#">IS</a>

\* Mounting option with Panel Mount Housing

## KEYLOCKS - SECTION F

MAXIMUM RATING	SIZE	MOUNTING	INDEXING	TERMINALS	POSITIONS	PROCESS SEAL	SERIES
0.4VA @ 28V AC/DC	submini	PC Board	45°	PC	3	•	<a href="#">SK</a>
0.4VA @ 28V AC/DC	submini	PC Board	45°	PC	5	•	<a href="#">SK</a>
0.4VA @ 28V AC/DC	miniature	PC Board	90°	PC	2	•	<a href="#">SK</a>
0.4VA @ 28V AC/DC	miniature	PC Board	45°	PC	3	•	<a href="#">SK</a>
3A @ 125V AC	miniature	Bushing	45°	Solder Lug	3		<a href="#">SK</a>
3A @ 125V AC	miniature	Bushing	90°	Solder Lug	2		<a href="#">SK</a>
3A @ 250V AC	standard	Bushing	90°	Solder Lug	2		<a href="#">CK</a>
3A @ 250V AC	standard	Bushing	45°	Solder Lug	3		<a href="#">CK</a>

## ROTARIES - SECTION G

MAXIMUM RATING	SIZE	MOUNTING		INDEXING Step Size	TERMINALS				PROCESS SEAL	SERIES
		PC Board	Bush-ing		Solder Lug	PC	Screw	SMD Gull Wing		
0.4VA @ 28V AC/DC	miniature	•		30°		•			•	<a href="#">MRF</a>
0.4VA @ 28V AC/DC	miniature	•	•	30°		•			•	<a href="#">MRK</a>
0.4VA @ 28V AC/DC	miniature	•	•	45° & 90°		•			•	<a href="#">MRB</a>
0.4VA @ 28V AC/DC	miniature		•	60°		Turret				<a href="#">MRY</a>
100mA @ 5/50V DC	ultra-mini	•		22.5° & 36°		•			•	<a href="#">ND</a>
100mA @ 5/50V DC	ultra-mini			22.5° & 36°				•	•	<a href="#">ND3</a>
100mA @ 5/50V DC	submini	•	•	22.5° & 36°		•				<a href="#">FR01</a>
100mA @ 5/50V DC	submini			22.5° & 36°				•		<a href="#">FR02</a>
250mA @ 125V AC	miniature	•	•	30°		•			•	<a href="#">MRA</a>
1A @ 30V DC	miniature		•	45°		Turret				<a href="#">MRX</a>
2A @ 30V DC	miniature		•	60°		Turret				<a href="#">MRY</a>
2A @ 125V AC	miniature		•	45°		Turret				<a href="#">MRX</a>
3A @ 30V DC	miniature		•	60°	•					<a href="#">MRT23</a>
3A @ 125V AC	miniature		•	60°		Turret				<a href="#">MRY</a>
4A @ 30V DC	miniature		•	120°	•					<a href="#">MRT22</a>
5A @ 125V AC	miniature		•	60°	•					<a href="#">MRT23</a>
6A @ 125V AC	standard		•	45°	•					<a href="#">HS13</a>
6A @ 125/250V AC	standard		•	30°				•		<a href="#">TS</a>
10A @ 125V AC	miniature		•	120°	•					<a href="#">MRT22</a>
12A @ 125V AC	standard		•	30°	•					<a href="#">HS16</a>
30A @ 125/250V AC	standard		•	30°				•		<a href="#">PS</a>

# Switch Selection Guide

## SLIDES - SECTION H

MAXIMUM RATING	SIZE	MOUNTING				TERMINALS						PROCESS SEAL	SERIES	
		PC Board	Bush-ing	Snap-in	Two Screw	Solder Lug	PC	Quick Connect	Wire-Wrap	Screw	SMD Gull Wing			
0.4VA @ 28V AC/DC	ultra-mini	•					•							<a href="#">SS</a>
0.4VA @ 28V AC/DC	ultra-mini											•		<a href="#">SS3</a>
0.4VA @ 28V AC/DC	submini													<a href="#">AS</a>
0.4VA @ 28V AC/DC	miniature													<a href="#">FS</a>
0.4VA @ 28V AC/DC	miniature				•	•								<a href="#">MS</a>
1.0mA @ 10mV AC/DC	ultra-mini													<a href="#">SM</a>
25mA @ 24V DC	ultra-mini	•												<a href="#">JS01, JS03</a>
25mA @ 24V DC	ultra-mini											•		<a href="#">JS02, JS04</a>
0.1A @ 12V DC	ultra-mini											•		<a href="#">SS3</a>
0.1A @ 30V DC	ultra-mini	•												<a href="#">SS</a>
0.1A @ 30V DC	ultra-mini	•												<a href="#">SS Illum</a>
0.1A @ 50V DC	ultra-mini	•												<a href="#">JS01, JS03</a>
0.1A @ 50V DC	ultra-mini											•		<a href="#">JS02, JS04</a>
500mA @ 12V DC	ultra-mini	•												<a href="#">SM</a>
3A @ 125V AC	miniature	•												<a href="#">CS</a>
6A @ 125V AC	miniature	•			•	•	•							<a href="#">MS</a>
6A @ 125V AC	miniature	•			•	•	•							<a href="#">MS Illum</a>

## TACTILES - SECTION J

MAXIMUM RATING	SIZE	MOUNTING				TERMINALS						PROCESS SEAL	SERIES	
		PC Board	Bush-ing	Snap-in	Two Screw	Solder Lug	PC	Quick Connect	Wire-Wrap	Screw	SMD Gull Wing			
0.4VA @ 28V AC/DC	ultra-mini	•					•							<a href="#">HP02</a>
0.4VA @ 28V AC/DC	ultra-mini											•		<a href="#">HP03</a>
3VA @ 28V DC	ultra-mini	•					•							<a href="#">HP02</a>
3VA @ 28V DC	ultra-mini											•		<a href="#">HP03</a>
50mA @ 24V DC	ultra-mini	•					•						•	<a href="#">CB</a>
50mA @ 24V DC	ultra-mini											•		<a href="#">CB3</a>
50mA @ 24V DC	submini	•					•						•	<a href="#">JF</a>
50mA @ 24V DC	submini	•					•						•	<a href="#">JF Illum</a>
50mA @ 24V DC	submini	•					•						•	<a href="#">JB</a>
50mA @ 24V DC	submini	•					•						•	<a href="#">JB Illum</a>
50mA @ 24V DC	submini	•					•						•	<a href="#">JL</a>
125mA @ 24V DC	submini	•					•						•	<a href="#">JB</a>
125mA @ 24V DC	submini	•					•						•	<a href="#">JB Illum</a>

## TILT SWITCHES - SECTION K

MAXIMUM RATING	SIZE	MOUNTING				TERMINALS						PROCESS SEAL	SERIES	
		PC Board	Bush-ing	Snap-in	Two Screw	Solder Lug	PC	Quick Connect	Wire-Wrap	Screw				
0.1A @ 12V DC	miniature	•					•							<a href="#">DSA</a>
5V Photo Interrupter	submini	•					•					•		<a href="#">DSB</a>

# Switch Selection Guide

## TOUCH SCREENS - SECTION L

MAXIMUM RATING	TECHNOLOGY	INPUT METHOD	*STANDARD SCREEN SIZES	SERIES
5.5V DC	5-Wire Resistive	Finger, Gloved Finger or Stylus	10.4" ~ 15.0"	<a href="#">ET</a>
1mA @ 5V DC (resistive load)	4-Wire Resistive		5.7" ~ 15.0"	
	Digital	Finger	5.7"	

\* Custom sizes available; contact factory for more information.

## MEMBRANE SWITCH KEYPADS - SECTION L

MAXIMUM RATING	ILLUMINATION	NUMBER OF KEYS	SURFACE SHEET		Overlay	SERIES
			Black	Gray		
20mA @ 24V DC	Nonilluminated	4	•			<a href="#">FM</a>
		4		•		
		16	•			
		16		•		
	Dot Illuminated with Overlay	12			Gray Surface Sheet with Embossed White Keypad & Gray Legends	
		16				