

## APPLIANCE CONTROLS

**Toggle switches** 12mm hole mounting, 16Amps @ 250VAC contacts

Stay Put	Type	Spring Return
T11CS	(On-off) SPST	ST11CS
T12CS	(On-on) SPDT	ST12CS
T13CS	(On-off-on) SPDT	ST13CS
T21CS	(On-off) DPST	ST21CS
T22CS	(On-on) DPDT	ST22CS
T23CS	(On-off-on) DPDT	ST23CS
TR-1	Rubber Boot for Toggle Switches <b>IP65</b>	



Fast-on connections

### Miniature Pushbuttons

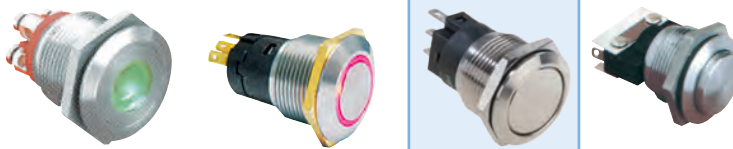
14mmØ hole mounting



PB-305

Code	Description
PB-305A	● Off (on) 3A 250V Red latching
PB-305B	● Off (on) 3A 250V Green latching
PB-305AN	● On - Off 3A 250V Red N/O
PB-305BN	● Off - On 3A 250V Green N/O
PB-305CN	● On - Off 3A 250V Red N/C

### Stainless Steel Pushbuttons & Pilot Lights 22mmØ IP66



Type	Colour	Illuminated Pushbuttons		Latching Pushbutton	
				Low Profile	Protruding
Code	● Red ● Green ● Amber ● Blue ○ White	*MP0001.T.R *MP0001.T.GN *MP0001.T.A *MP0001.T.BL -	MSW1941-R MSW1941-GN MSW1941-A MSW1941-BL MSW1941-WH	MP0031	MP0031.2
Current/Volts		20mA @ 3.6V*	50mA / 9-30VDC	-	-
Size		22mmØ x 32mm(L)	22mmØ x 37.2mm(L)	22mmØ x 30mm(L)	22mmØ x 30mm(L)
Panel Cutout Size		19.2mmØ		19.2mmØ	
Contacts		SPDT 50mA@ 24VDC	SPDT 1A@ 24VDC	SPDT 5A @ 250V	

8mmØ hole mounting



PB-101A

Code	Description
PB-101A	● Off - On 1A 250V Black N/O
PB-101B	● On - Off 1A 250V Red N/C

### LED's (Rating @ 20mA) & Technical Specifications: MP0001

### \*Resistor Values for MP0001

Colour	Red	Green	Amber	Blue
Luminous Intensity	900mcd	1500mcd	220mcd	1500mcd
Supply voltage*	1.85V	3.0V	2.0V	3.4V

For all colour push buttons		
12V	100Ω	0.5W
24V	220Ω	0.5W

\*A resistor in series must be connected by the user

### Rocker Switches

16A @250VAC Lamp Voltage 230VAC											
Type	On/Off SPST No Lamp	On/Off SPST Illuminated	On/Off SPST No Lamp	On/Off SPST Illuminated	On/Off DPST No Lamp	On/Off DPST Illuminated	On/Off/On SPDT No Lamp				
Body Colour	Black	White	Black	White	Black	Black	Black				
Code Red	■ R12-2AR	R13-2AR	■ R12-2CR	R13-2CR	■ R9-49AR	■ R9-49ALR	■ R12-3BLR				
Code Amber	■ R12-2AO	R13-2AA	■ R12-2CO	R13-2CA	■ R9-49AO	■ R9-49ALO	■ R12-3BLO				
Code Green	■ R12-2AG	-	■ R12-2CG	-	■ R9-49AG	■ R9-49ALG	■ R12-3BLG				
Code Black	■ R12-2ABK	-	■ R12-2CBK	-	■ R9-49ABK	-	■ R12-3BLBK				
Hole Size	30 x 11mm		30 x 11mm		30 x 25mm		30 x 11mm				
Lamp Voltage 230VAC											
Type	On/Off SPST No Lamp	On/Off SPST Illuminated	On/Off DPST No Lamp	On/Off/On SPDT No Lamp	On/Off/On DPDT No Lamp	Lamp only	On/Off SPST Round - No Lamp				
Code Red	■ WS1-1R	■ WS1-2R	■ WS3-1R	■ WS3-3R	■ WS3-5R	■ WL03-5R	● JS-606-2R				
Code Amber	-	■ WS1-2A	-	-	-	■ WL03-5A	-				
Code Green	■ WS1-1G	■ WS1-2G	-	-	-	■ WL03-5G	-				
Code Black	■ WS1-1BK	-	■ WS3-1BK	■ WS3-3BK	■ WS3-5BK	-	● JS-606-2A				
Code White	-	-	-	-	□ WS-5WH	-	-				
Hole Size	19.2 x 12.9mm	19.2 x 12.9mm	19.2 x 21.9mm	19.2 x 12.9mm	19.2 x 21.9mm	30 x 11mm	20.2mmØ				

PUSHBUTTONS & PILOT LIGHTS