



SERIES 1800 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

T0 12 (4) A 250 V AC



PRODUCT FEATURES

- 100 million times proven switching principle
- High, flexible design variety
- Excellent actuating characteristic
- Illuminated and non-illuminated variants

ON REQUEST

- Other colors
- Other printing variants
- Other lamp variants
- Snap-on, customized actuators
- Cable assembly

Mechanical life endurance	10E4 5E4 (basic types 1808 and 1809)
Inrush current (capacitive)	50 A 70 A (contact pairing Ag / Ag, product-dependent)
Contact resistance (new condition)	< 100 mOhm (1 A 12 V DC)
Insulation resistance (new condition)	> 100 MOhm (500 V DC)
Proof tracking	250 PTI
Protection type	IP 40
Ambient temperature	terminal side -20 °C ... +100 °C ... +85 °C (product-dependent) actuating side -20 °C ... +55 °C
Flammability	UL 94 V-2 UL 94 V-0 (product-dependent)
Glow wire test temperature	850 °C
Material actuator housing terminals	PA / PC PA silver plated / tinned / gold plated
Plug force of the terminals	≤ 80 N
Approval marks	 /  /  / 
Suitable for appliances of protection class II	



SERIES 1800 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

TO 12 (4) A 250 V AC

single-pole 	ON / OFF switch (SPST)														
Lighting voltage (V)	1800.0102	1800.0108	1800.1102	1800.1104	1800.1108	1801.1121	1801.1148	1801.1520	1801.1908	1801.1926	1801.6122	1801.6130	1801.1101	1801.1102	1801.1119
Actuator color / printing															
Housing color															
12 (4) A 250 V AC 1E4						○	○	○	○	○	○	○			
10 (4) A 250 V AC 1E4	○	○	○	○	○								○	○	○
8 (8) A 250 V AC 5E4						○	○	○	○	○	○	○			
6 (4) A 250 V AC 5E4	○	○	○	○	○								○	○	○
6 (2) A 250 V AC 1E4															
4 (3) A 250 V AC 6E3															
4 (2) A 250 V AC 1E4															
30 mA 12 V DC 5E4															
15 A 250 V AC 1 1/2 HP						○	○	○	○	○	○	○			
15 A 125 V AC 3/4 HP						○	○	○	○	○	○	○			
10 A 250 V AC 1/2 HP															
10 A 125 V AC 1/3 HP															
6 A 250 V AC 1/2 HP	○	○	○	○	○								○	○	○
6 A 125 V AC 1/4 HP													○	○	○
6 A 125 - 250 V AC 1/8 HP															
6 A 125 V AC 1/10 HP															
4 A 250 V AC 1/10 HP															
Terminal type															
Terminal description			4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8			4.8	4.8	4.8
Inrush current (capacitive) (A)						70	70	70	70	70	70	70	50	50	50
Contact distance (mm)	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3
Contact material	Ag	Ag	Ag	Ag	Ag	Ag	Ag	Ag	Ag	Ag	Ag	Ag	Ag	Ag	Ag
EN 60335 cap. 30 conform “G”										○	○				
Miscellaneous	sealing plate	sealing plate						snap-on rocker							
Stock version			○		○	○			○		○		○	○	○

ROCKERSWITCHES

PUSHBUTTON SWITCHES

TOGGLE SWITCHES

SLIDE SWITCHES

ROTARY SWITCHES

FOOT SWITCHES

TACT AND KEY SWITCHES

SNAP-ACTION SWITCHES

MIKRO-SIGNALSCHALTER

SENSORS

ECO

PUSH'N'DRIVE



SERIES 1800 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

TO 12 (4) A 250 V AC

single-pole 	ON / OFF switch (SPST)										Normally closed contact (SPNC)										Normally open contact (SPNO)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
Lighting voltage (V)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
Actuator color / printing																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
Housing color																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
12 (4) A 250 V AC 1E4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										

ROCKER SWITCHES

PUSHBUTTON SWITCHES

TOGGLE SWITCHES

SLIDE SWITCHES

ROTARY SWITCHES

FOOT SWITCHES

TACT AND KEY SWITCHES

SNAP-ACTION SWITCHES

MICRO-SIGNAL SWITCHES

SENSORS

ECO

PUSH 'N' DRIVE



SERIES 1800 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

TO 12 (4) A 250 V AC

single-pole																				
	Normally open contact (SPNO)		1801.1202		1801.2202		Changeover switch (SPDT)		1803.1102		1803.1121		1803.2102		1803.5102		1803.6102		1803.6152	
Lighting voltage (V)																				
Actuator color / printing																				
Housing color																				
12 (4) A 250 V AC 1E4																				
10 (4) A 250 V AC 1E4																				
8 (8) A 250 V AC 5E4																				
6 (4) A 250 V AC 5E4																				
6 (2) A 250 V AC 1E4																				
4 (3) A 250 V AC 6E3																				
4 (2) A 250 V AC 1E4																				
30 mA 12 V DC 5E4																				
15 A 250 V AC 1 1/2 HP																				
15 A 125 V AC 3/4 HP																				
10 A 250 V AC 1/2 HP																				
10 A 125 V AC 1/3 HP																				
6 A 250 V AC 1/2 HP																				
6 A 125 V AC 1/4 HP																				
6 A 125 - 250 V AC 1/8 HP																				
6 A 125 V AC 1/10 HP																				
4 A 250 V AC 1/10 HP																				
Terminal type																				
Terminal description			4.8						4.8		4.8								4.8	
Inrush current (capacitive) (A)																				
Contact distance (mm)			≥ 3		≥ 3				≥ 3		≥ 3		≥ 3		≥ 3		≥ 3		≥ 3	
Contact material			Ag		Ag				Ag		Ag		Ag		Ag		Ag		Au	
EN 60335 cap. 30 conform "G"																				
Miscellaneous																			momentary function one side	
Stock version																				

ROCKERSWITCHES

PUSHBUTTON SWITCHES

TOGGLE SWITCHES

SLIDE SWITCHES

ROTARY SWITCHES

FOOT SWITCHES

TACT AND KEY SWITCHES

SNAP-ACTION SWITCHES

MIKRO-SIGNALSCHALTER

SENSORS

ECO

PUSH'N'DRIVE



SERIES 1800 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

TO 12 (4) A 250 V AC

 single-pole	Changeover switch with OFF position in the center (SPDT - Center OFF)										Changeover switch (SPDT momentary)		
	1808.1302	1808.2102	1808.2302	1808.2704	1808.6102	1808.6103	1808.6202	1808.6302	1808.1152	1808.1353	1803.6222	1803.1202	1803.1252
Lighting voltage (V)													
Actuator color / printing													
Housing color													
12 (4) A 250 V AC 1E4													
10 (4) A 250 V AC 1E4													
8 (8) A 250 V AC 5E4													
6 (4) A 250 V AC 5E4													
6 (2) A 250 V AC 1E4													
4 (3) A 250 V AC 6E3													
4 (2) A 250 V AC 1E4													
30 mA 12 V DC 5E4													
15 A 250 V AC 1 1/2 HP													
15 A 125 V AC 3/4 HP													
10 A 250 V AC 1/2 HP													
10 A 125 V AC 1/3 HP													
6 A 250 V AC 1/2 HP													
6 A 125 V AC 1/4 HP													
6 A 125 - 250 V AC 1/8 HP													
6 A 125 V AC 1/10 HP													
4 A 250 V AC 1/10 HP													
Terminal type													
Terminal description	4.8								4.8	4.8		4.8	4.8
Inrush current (capacitive) (A)													
Contact distance (mm)	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	≥ 3	≥ 3	≥ 3
Contact material	Ag	Ag	Ag	Ag	Ag	Ag	Ag	Ag	Au	Au	Ag	Ag	Au
EN 60335 cap. 30 conform "G"													
Miscellaneous	momentary function both sides	PCB tinned	PCB tinned momentary function both sides	installation depth 29.6			momentary function one side	momentary function both sides		momentary function both sides			
Stock version													

ROCKER SWITCHES

PUSHBUTTON SWITCHES

TOGGLE SWITCHES

SLIDE SWITCHES

ROTARY SWITCHES

FOOT SWITCHES

TACT AND KEY SWITCHES

SNAP-ACTION SWITCHES

MICRO-SIGNAL SWITCHES

SENSORS

ECO

PUSH 'N' DRIVE



SERIES 1800 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

T0 12 (4) A 250 V AC

double-pole 	ON / OFF switch (DPST)															
	1805.6102	1805.6108	1805.7104	1805.7109	1805.7110	1805.7112	1805.7118	1802.1121	1802.1123	1802.2504	1802.3311	1802.6123	1802.1101	1802.1102	1802.1108	
Lighting voltage (V)	230	230	230	230	230	110 - 230	110 - 230									
Actuator color / printing																
Housing color	Black	Black	Black	Black	Black	Black	Black	Black	Black	Black	Black	Black	White	Black	Black	Black
12 (4) A 250 V AC 1E4						○	○	○	○	○	○	○				
10 (4) A 250 V AC 1E4	○	○	○	○	○								○	○	○	
8 (8) A 250 V AC 5E4						○	○	○	○	○	○	○				
6 (4) A 250 V AC 5E4	○	○	○	○	○								○	○	○	
6 (2) A 250 V AC 1E4																
4 (3) A 250 V AC 6E3																
4 (2) A 250 V AC 1E4																
30 mA 12 V DC 5E4																
15 A 250 V AC 1 1/2 HP						○	○	○	○	○	○	○				
15 A 125 V AC 3/4 HP						○	○	○	○	○	○	○				
10 A 250 V AC 1/2 HP																
10 A 125 V AC 1/3 HP																
6 A 250 V AC 1/2 HP	○	○	○	○	○								○	○	○	
6 A 125 V AC 1/4 HP													○	○	○	
6 A 125 - 250 V AC 1/8 HP																
6 A 125 V AC 1/10 HP																
4 A 250 V AC 1/10 HP																
Terminal type																
Terminal description			4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.3 lang	4.8 75° angled M3		4.8	4.8	4.8	
Inrush current (capacitive) (A)	50	50	50	50	50	70	70	70	70	70	70	70	50	50	50	
Contact distance (mm)	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3	
Contact material	Ag	Ag	Ag	Ag	Ag	Ag	Ag	Ag	Ag	Ag	Ag	Ag	Ag	Ag	Ag	
EN 60335 cap. 30 conform "G"						○										
Miscellaneous	installation depth 17.5	installation depth 17.5	installation depth 19.5	installation depth 19.5	installation depth 19.5	installation depth 20.5 ignition voltage < 100 V	installation depth 20.5 ignition voltage < 100 V			installation depth 16.2	shortened gate					
Stock version			○	○	○		○	○	○			○	○	○	○	

ROCKERSWITCHES

PUSHBUTTON SWITCHES

TOGGLE SWITCHES

SLIDE SWITCHES

ROTARY SWITCHES

FOOT SWITCHES

TACT AND KEY SWITCHES

SNAP-ACTION SWITCHES

MIKRO-SIGNALSCHALTER

SENSORS

ECO

PUSH'N'DRIVE



SERIES 1800 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

TO 12 (4) A 250 V AC

double-pole 		ON / OFF switch (DPST)					Normally open contact (DPNO)					Changeover switch (DPDT)					Changeover switch with OFF position in the center (DPDT - Center OFF)				
Lighting voltage (V)		1802.2102					1802.1221					1804.1102					1809.1102				
Actuator color / printing		1802.2104					1802.1221					1804.1125					1809.1202				
Housing color		1802.3102					1802.6152					1804.2102					1804.6121				
12 (4) A 250 V AC 1E4																					
10 (4) A 250 V AC 1E4																					
8 (8) A 250 V AC 5E4																					
6 (4) A 250 V AC 5E4																					
6 (2) A 250 V AC 1E4																					
4 (3) A 250 V AC 6E3																					
4 (2) A 250 V AC 1E4																					
30 mA 12 V DC 5E4																					
15 A 250 V AC 1 1/2 HP																					
15 A 125 V AC 3/4 HP																					
10 A 250 V AC 1/2 HP																					
10 A 125 V AC 1/3 HP																					
6 A 250 V AC 1/2 HP																					
6 A 125 V AC 1/4 HP																					
6 A 125 - 250 V AC 1/8 HP																					
6 A 125 V AC 1/10 HP																					
4 A 250 V AC 1/10 HP																					
Terminal type																					
Terminal description																					
Inrush current (capacitive) (A)																					
Contact distance (mm)																					
Contact material																					
EN 60335 cap. 30 conform "G"																					
Miscellaneous																					
Stock version																					

ROCKER SWITCHES

PUSHBUTTON SWITCHES

TOGGLE SWITCHES

SLIDE SWITCHES

ROTARY SWITCHES

FOOT SWITCHES

TACT AND KEY SWITCHES

SNAP-ACTION SWITCHES

MICRO-SIGNAL SWITCHES

SENSORS

ECO

PUSH 'N' DRIVE



SERIES 1800 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

T0 12 (4) A 250 V AC

double-pole 			
Lighting voltage (V)		1809.1302	1809.2102
Actuator color / printing			
Housing color			
12 (4) A 250 V AC 1E4			
10 (4) A 250 V AC 1E4			
8 (8) A 250 V AC 5E4			
6 (4) A 250 V AC 5E4			
6 (2) A 250 V AC 1E4	o	o	
4 (3) A 250 V AC 6E3			o
4 (2) A 250 V AC 1E4			
30 mA 12 V DC 5E4			
15 A 250 V AC 1 1/2 HP			
15 A 125 V AC 3/4 HP			
10 A 250 V AC 1/2 HP			
10 A 125 V AC 1/3 HP			
6 A 250 V AC 1/2 HP			
6 A 125 V AC 1/4 HP			
6 A 125 - 250 V AC 1/8 HP	o	o	
6 A 125 V AC 1/10 HP			o
4 A 250 V AC 1/10 HP			o
Terminal type	U	U	U
Terminal description	4.8		1 mm longer 4.8
Inrush current (capacitive) (A)			
Contact distance (mm)	< 3	< 3	≥ 3
Contact material	Ag	Ag	Ag
EN 60335 cap. 30 conform "G"			
Miscellaneous	momentary function both sides	PCB tinned	
Stock version	o		

ROCKERSWITCHES

PUSHBUTTON SWITCHES

TOGGLE SWITCHES

SLIDE SWITCHES

ROTARY SWITCHES

FOOT SWITCHES

TACT AND KEY SWITCHES

SNAP-ACTION SWITCHES

MIKRO-SIGNALSCHALTER

SENSORS

ECO

PUSH'N'DRIVE



SERIES 1800 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

TO 12 (4) A 250 V AC

Combination 	ON / OFF switch (SPST)		1806.1102	1806.6108	Changeover switch with OFF position in the center (SPDT - Center OFF)		1806.1602
Lighting voltage (V)							
Actuator color / printing							
Housing color							
12 (4) A 250 V AC 1E4							
10 (4) A 250 V AC 1E4		o	o				
8 (8) A 250 V AC 5E4							
6 (4) A 250 V AC 5E4		o	o				
6 (2) A 250 V AC 1E4						o	
4 (3) A 250 V AC 6E3							
4 (2) A 250 V AC 1E4							
30 mA 12 V DC 5E4							
15 A 250 V AC 1 1/2 HP							
15 A 125 V AC 3/4 HP							
10 A 250 V AC 1/2 HP							
10 A 125 V AC 1/3 HP							
6 A 250 V AC 1/2 HP		o	o				
6 A 125 V AC 1/4 HP		o	o				
6 A 125 - 250 V AC 1/8 HP							
6 A 125 V AC 1/10 HP							
4 A 250 V AC 1/10 HP							
Terminal type							
Terminal description		4.8				4.8	
Inrush current (capacitive) (A)							
Contact distance (mm)		≥ 3	≥ 3			< 3	
Contact material		Ag	Ag			Ag	
EN 60335 cap. 30 conform "G"							
Miscellaneous			without separating gate			life endurance 50 000 cycles	
Stock version		o					

ROCKER SWITCHES

PUSHBUTTON SWITCHES

TOGGLE SWITCHES

SLIDE SWITCHES

ROTARY SWITCHES

FOOT SWITCHES

TACT AND KEY SWITCHES

SNAP-ACTION SWITCHES

MICRO-SIGNAL SWITCHES

SENSORS

ECO

PUSH 'N' DRIVE



SERIES 1800 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

T0 12 (4) A 250 V AC

	Lamp	1806.1508	1807.1102	1807.1108	1807.1126	1807.6103
		230 230	230	230	230	230
Lighting voltage (V)						
Actuator color / printing						
Housing color						
12 (4) A 250 V AC 1E4						
10 (4) A 250 V AC 1E4						
8 (8) A 250 V AC 5E4						
6 (4) A 250 V AC 5E4						
6 (2) A 250 V AC 1E4						
4 (3) A 250 V AC 6E3						
4 (2) A 250 V AC 1E4						
30 mA 12 V DC 5E4						
15 A 250 V AC 1 1/2 HP						
15 A 125 V AC 3/4 HP						
10 A 250 V AC 1/2 HP						
10 A 125 V AC 1/3 HP						
6 A 250 V AC 1/2 HP						
6 A 125 V AC 1/4 HP						
6 A 125 - 250 V AC 1/8 HP						
6 A 125 V AC 1/10 HP						
4 A 250 V AC 1/10 HP						
Terminal type						
Terminal description		4.8	4.8	4.8	4.8	4.8
Inrush current (capacitive) (A)						
Contact distance (mm)						
Contact material						
EN 60335 cap. 30 conform "G"						
Miscellaneous			VDE	VDE	VDE	size basic type 1805 VDE
Stock version			○	○		

ROCKERSWITCHES

PUSHBUTTON SWITCHES

TOGGLE SWITCHES

SLIDE SWITCHES

ROTARY SWITCHES

FOOT SWITCHES

TACT AND KEY SWITCHES

SNAP-ACTION SWITCHES

MIKRO-SIGNALSCHALTER

SENSORS

ECO

PUSH'N'DRIVE

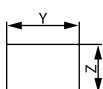


SERIES 1800 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

T0 12 (4) A 250 V AC

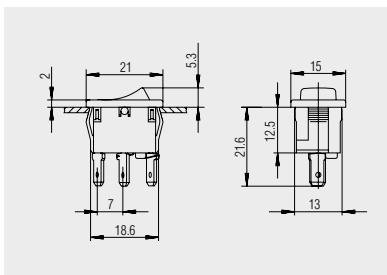


Basic types 1801
single-pole
illuminated / non-illuminated

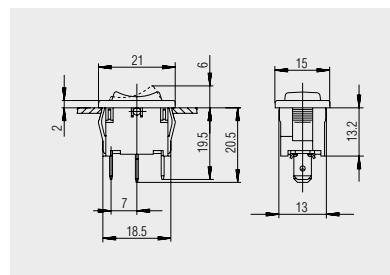


X = Wall thickness

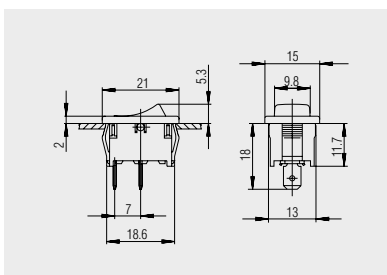
x	y	z
0.75 ... 1.25	19.2 ^{-0.1}	12.9 ^{+0.1}
1.25 ... 2	19.4 ^{-0.1}	12.9 ^{+0.1}
2 ... 3	19.8 ^{-0.1}	12.9 ^{+0.1}



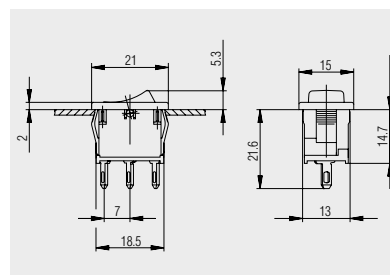
Quick-connect terminal 4.8 x 0.8
basic type 1800



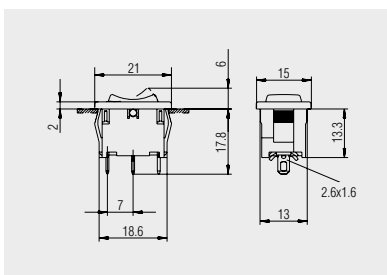
Quick-connect terminal 4.8 x 0.8
basic type 1808



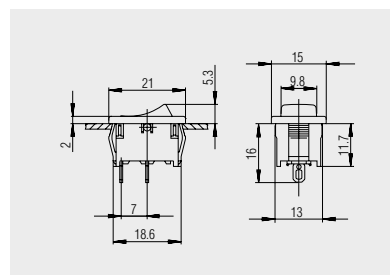
Quick-connect terminal 4.8 x 0.8
basic types 1801 and 1803



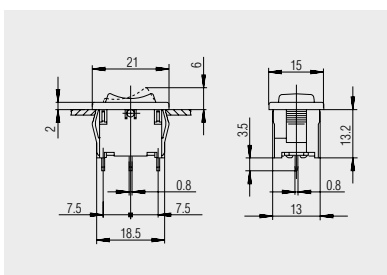
Solder terminal
basic type 1800



Solder terminal
basic type 1808



Solder terminal
basic types 1801 and 1803



PCB terminal
basic type 1808

ROCKER SWITCHES

PUSHBUTTON SWITCHES

TOGGLE SWITCHES

SLIDE SWITCHES

ROTARY SWITCHES

FOOT SWITCHES

TACT AND KEY SWITCHES

SNAP-ACTION SWITCHES

MICRO-SIGNAL SWITCHES

SENSORS

ECO

PUSH 'N' DRIVE

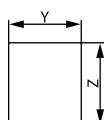


SERIES 1800 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

T0 12 (4) A 250 V AC

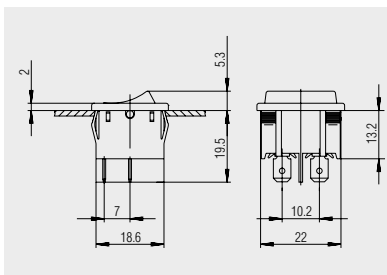


Basic types 1802, 1804 and 1805
double-pole
illuminated / non-illuminated

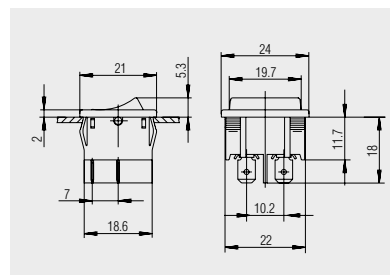


X = Wall thickness

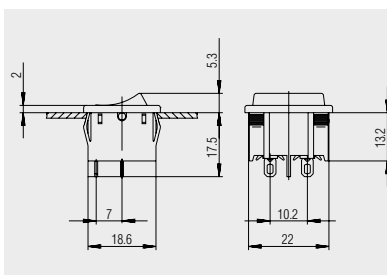
x	y	z
0.75 ... 1.25	19.2 ^{-0.1}	21.9 ^{+0.1}
1.25 ... 2	19.4 ^{-0.1}	21.9 ^{+0.1}
2 ... 3	19.8 ^{-0.1}	21.9 ^{+0.1}



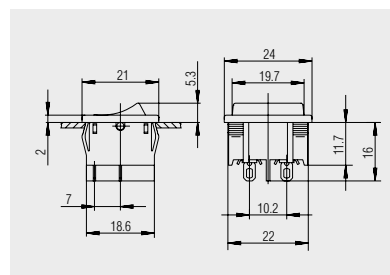
Quick-connect terminal 4.8 x 0.8
basic type 1805



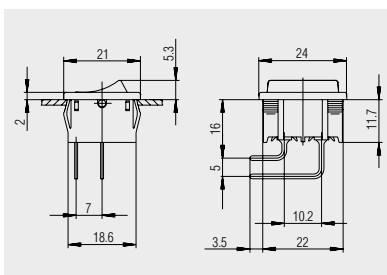
Quick-connect terminal 4.8 x 0.8
basic types 1802 and 1804



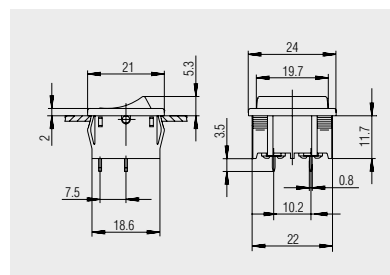
Solder terminal
basic type 1805



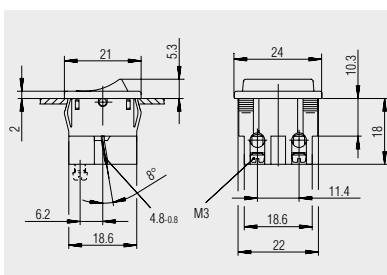
Solder terminal
basic types 1802 and 1804



PCB terminal angled



PCB terminal
basic types 1802 and 1804



Terminal 1 2
Quick-connect terminal 4.8 x 0.8
Terminal 1a 2a
Socket terminal M3
1802.3102

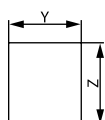


SERIES 1800 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

TO 12 (4) A 250 V AC

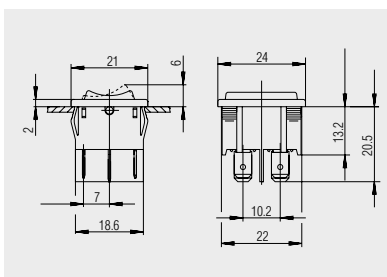


Basic type 1809
double-pole
non-illuminated

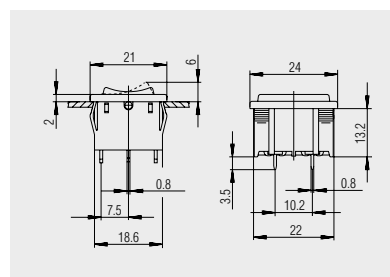


X = Wall thickness

x	y	z
0.75 ... 1.25	19.2 ^{-0.1}	21.9 ^{+0.1}
1.25 ... 2	19.4 ^{-0.1}	21.9 ^{+0.1}
2 ... 3	19.8 ^{-0.1}	21.9 ^{+0.1}



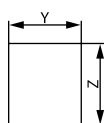
Quick-connect terminal 4.8 x 0.8



PCB terminal

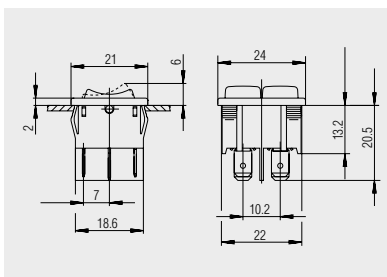


Basic type 1806
combination

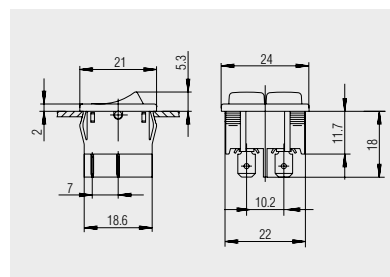


X = Wall thickness

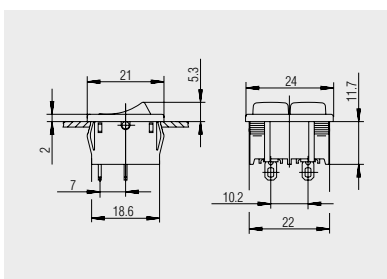
x	y	z
0.75 ... 1.25	19.2 ^{-0.1}	21.9 ^{+0.1}
1.25 ... 2	19.4 ^{-0.1}	21.9 ^{+0.1}
2 ... 3	19.8 ^{-0.1}	21.9 ^{+0.1}



Quick-connect terminal 4.8 x 0.8
1806.1102



Quick-connect terminal 4.8 x 0.8
1806.1602



Solder terminal
1806.6108

ROCKER SWITCHES

PUSHBUTTON SWITCHES

TOGGLE SWITCHES

SLIDE SWITCHES

ROTARY SWITCHES

FOOT SWITCHES

TACT AND KEY SWITCHES

SNAP-ACTION SWITCHES

MICRO-SIGNAL SWITCHES

SENSORS

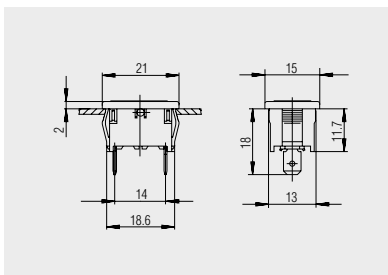
ECO

PUSH 'N' DRIVE



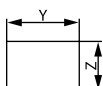
SERIES 1800 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

T0 12 (4) A 250 V AC



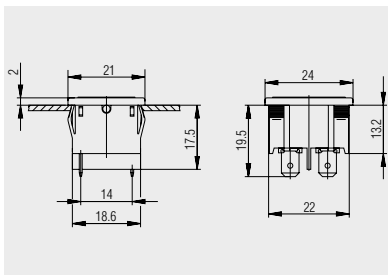
Basic type 1807
lamp

 Quick-connect terminal 4.8 x 0.8



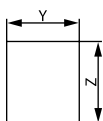
X = Wall thickness

x	y	z
0.75 ... 1.25	19.2 ^{-0.1}	12.9 ^{+0.1}
1.25 ... 2	19.4 ^{-0.1}	12.9 ^{+0.1}
2 ... 3	19.8 ^{-0.1}	12.9 ^{+0.1}



Basic type 1807
lamp

 Quick-connect terminal 4.8 x 0.8



X = Wall thickness

x	y	z
0.75 ... 1.25	19.2 ^{-0.1}	21.9 ^{+0.1}
1.25 ... 2	19.4 ^{-0.1}	21.9 ^{+0.1}
2 ... 3	19.8 ^{-0.1}	21.9 ^{+0.1}

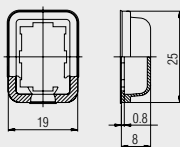


SERIES 1800 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

TO 12 (4) A 250 V AC



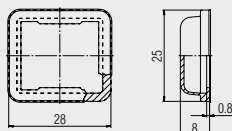
Protection cap
203.089.011



Transparent PVC-protection cap for single-pole switches of basic types 1800, 1801, 1803 and 1808. Serves as dust and water protection of the actuation side.



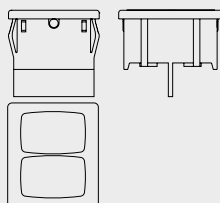
Protection cap
203.090.011



Transparent PVC-protection cap for double-pole switches of basic types 1802, 1804, 1805 and 1809. Serves as dust and water protection of the actuation side.



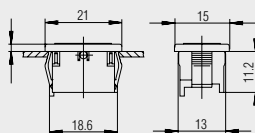
Dummy piece
203.086.013



Dummy piece for size of basic type 1802, 1804, 1805, 1806, 1807 and 1809 made of PA with window and housing in black

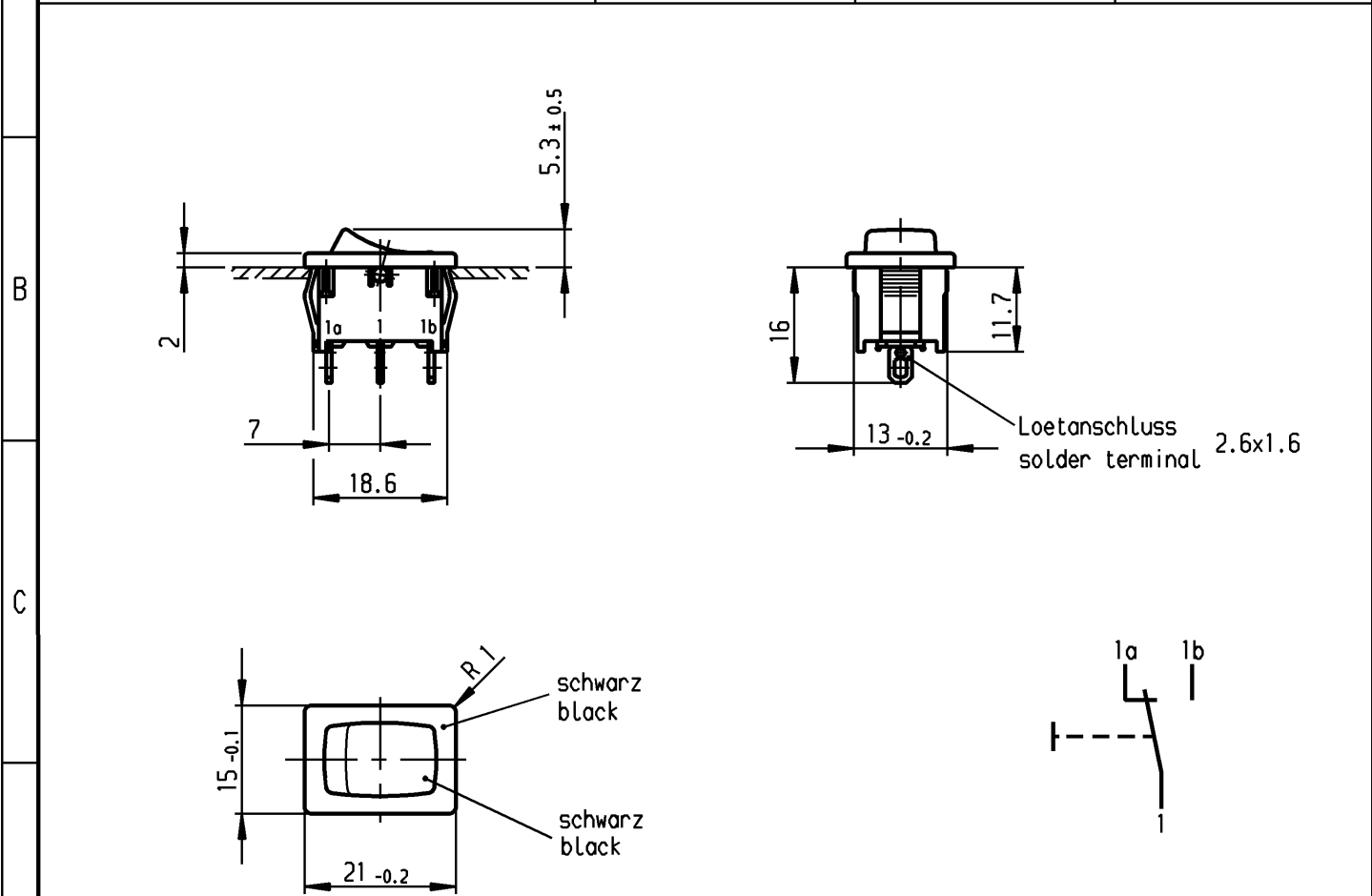


Dummy piece
203.007.013
203.007.023 - V0 material



Dummy piece for size of basic type 1800, 1801, 1803, 1807, 1808, 1811, 1813, 1818, 1846, 1850 and 1858 made of PA with window and housing in black

	1	2	3	4
A	Empfohlener Ausschnitt fuer Rastbefestigung (Grat gegenueber Bestueckungsseite) recommended cut-out for snap-in fixing (edge opposite to snap-in direction)	Wanddicke wall thickness	Ausschnittlaenge length of cut-out	Ausschnittbreite width of cut-out
		0.75 bis / to 1.25	19.2 -0.1	12.9 +0.1
		1.25 bis / to 2	19.4 -0.1	12.9 +0.1
		2 bis / to 3	19.8 -0.1	12.9 +0.1



Aufschrift Marking

1803.
 6(4)/250~5E4
 10(4)/250~ T100/55
 05

10A 125-250V AC
 1/3HP 125V AC
 1/2HP 250V AC
 R50

Wechsler 1-polig
 Fuer Geraete der Klasse II geeignet
 single pole changeover
 suitable for appliances of class II

VERTRAULICH-CONFIDENTIAL
 ① Alle Rechte bei Marquardt, auch fuer den Fall von Schutzrechtsanmeldungen. Jede Verfuegungsbefugnis, wie Kopier- und Weitergaberecht, bei uns.
 ② This document is the exclusive property of Marquardt. Without our consent, it may not be reproduced or given to third parties.

Herstellort /-jahr/-woche nach DIN EN 60062
 date of manufacture: place/year/week acc. to DIN EN 60062

fuer Form und Loge FOR SHAPE AND LOC.			Allgemeintoleranzen UNTOLERANCD DIMENSIONS			Pause COPY		Blatt SHEET		Typ K	Zeichn./DRAWING NO. 1803.6222	Index
fuer Winkel FOR ANGLE ± 2°			PROJECTION	Abmasse und Nennmassbereiche Angaben in mm ALL DIMENSIONS ARE IN MILLIMETRES	0-6 ± 0.2 >6-15 ± 0.4 >15-30 ± 0.4 >30-70 ± >70-120 ± >120-200 ±	Loengen LENGTH ± 0.2 Radien RADII ± 0.2	Original DIN A4	Masstab SCALE 1:1				
												Geraeteschalter Appliance Switch
c			g			CAD Medusa		Z	MARQUARDT Marquardt, D-78604 Rietheim-Weilheim			
b			f			gez./DRAWN BY 22.03.06 Mut						
a	64510	05.10.09 Mut	e			gepr./CHECKED BY mej						
	45400	22.03.06 Mut	d			Ersatz fuer/REPLACEMENT OF						
Ausg. ISSUE	Aenderung REVISION	gez. DRAWN BY	Ausg. ISSUE	Aenderung REVISION	gez. DRAWN BY							