SERIES 1550 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

TO 16 (4) A 250 V AC



PRODUCT FEATURES

- Inrush currents (capacitive) up to 100 A
- Two housing variants (with flange or lower lying)
- With mechanical forced opening
- Illuminated window with lens effect

ON REQUEST

- Other colors
- Other rocker labelings
- Other lamp variants
- Conformity IEC 60065 chap. 14.6
- Special rockers
- Cable assembly

Mechanical life endurance	5E4
Inrush current (capacitive)	100 A
Contact distance	≥ 3 mm
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 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	PA / PA C3U PA / PA C3U
Plug force of the terminals	≤ 80 N
Approval marks	/ / /
Suitable for appliances of protection class II	







SERIES 1550 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

TO 16 (4) A 250 V AC



	Lighting voltage in V	Actuator color / printing	Housing color	16 (4) A 250 V AC 5E4	16 (4) A 250 V AC 1E4	10 (4) A 250 V AC 5E4	10 A 12 V DC	20 mA 250 V AC 5E4	20 A 250 V AC 2 HP	20 A 125 V AC 1 HP	16 A 250 V AC 2 HP	16 A 125 V AC 1 HP	Terminal type	Terminal description	Contact material	EN 60335 cap. 30 conform "G"	Miscellaneous	Stock version
ON / OFF switch (SPST)																		
1550.3102	230				●	●					●			6.3	Ag			
1550.3105	12						●							6.3	Ag			
1550.3609	12						●							6.3	Ag		lower lying flange	
1551.2602					●	●					●	●			Ag		lower lying flange	
1551.3102					●	●					●	●		6.3	Ag	●		●
1551.3103					●	●					●	●		6.3	Ag			
1551.3105					●	●					●	●		6.3	Ag			
1551.3106					●	●					●	●		6.3	Ag			
1551.4803					●	●					●	●			Ag	●	2 PCB holders lower lying flange	
1551.2654								●							Au		approvals KEMA lower lying flange	
1552.0102					●	●					●	●			Ag			●
Normally closed contact (SPNC)																		
1581.1303				●							●	●		6.3	Ag	●	increased life endurance at high electrical rating	
1551.1303					●	●					●	●		6.3	Ag			
Normally open contact (SPNO)																		
1551.3202					●	●					●	●		6.3	Ag			
1551.3702					●	●					●	●		6.3	Ag		lower lying flange	

SERIES 1550 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

TO 16 (4) A 250 V AC

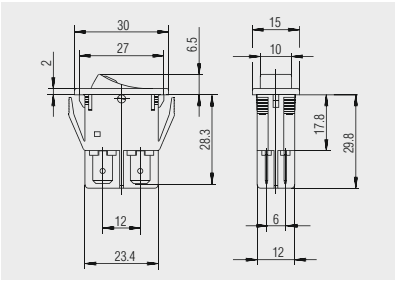


	Lighting voltage in V	Actuator color / printing	Housing color	16 (4) A 250 V AC 5E4	16 (4) A 250 V AC 1E4	10 (4) A 250 V AC 5E4	10 A 12 V DC	20 mA 250 V AC 5E4	20 A 250 V AC 2 HP	20 A 125 V AC 1 HP	16 A 250 V AC 2 HP	16 A 125 V AC 1 HP	Terminal type	Terminal description	Contact material	EN 60335 cap. 30 conform "G"	Miscellaneous	Stock version
ON / OFF switch (DPST)																		
1555.3102	230				●	●			●	●	●			6.3	Ag	●		●
1555.3104	230				●	●					●			6.3	Ag			●
1555.3108	230				●	●					●			6.3	Ag			●
1555.3604	230				●	●					●			6.3	Ag		lower lying flange	
1555.4608	230				●	●					●				Ag		lower lying flange	
1555.8104	230				●	●					●			6.3	Ag		flange dimension 31.5 x 17 mm	
1555.3125	115				●	●			●	●	●			6.3	Ag	●		
1555.4628	115											●			Ag		lower lying flange	
1555.3109	110											●		6.3	Ag			
1555.3120	110											●		6.3	Ag			
1555.3111	12						●							6.3	Ag			
1552.2601					●	●					●	●			Ag		lower lying flange	
1552.2602					●	●					●	●			Ag	●	lower lying flange	●
1552.3102					●	●					●	●		6.3	Ag			●
1552.3104					●	●					●	●		6.3	Ag			
1552.3112					●	●					●	●		6.3	Ag	●	conform with EN 60065 par. 14.6	●
1552.3117					●	●			●	●	●	●		6.3	Ag	●		
1552.3120					●	●					●	●		6.3	Ag			
1552.3602					●	●					●	●		6.3	Ag		lower lying flange	●
1552.4602					●	●					●	●			Ag		lower lying flange	●
1552.4702					●	●					●	●			Ag		2 PCB holders lower lying flange	
1552.4802					●	●					●	●			Ag		lower lying flange	

SERIES 1550 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

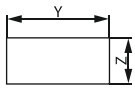
TO 16 (4) A 250 V AC





Basic types 1550 and 1555
single and double-pole

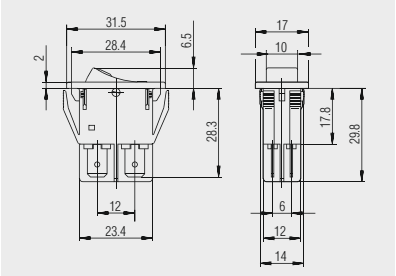
Quick-connect terminal
6.3 x 0.8



X = wall thickness

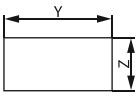
X	Y	Z
0.8 ... 5.0	27.2 $^{\pm 0.1}$	12.2 $^{+0.2}$





1555.8104
double-pole

Quick-connect terminal
6.3 x 0.8



X = wall thickness

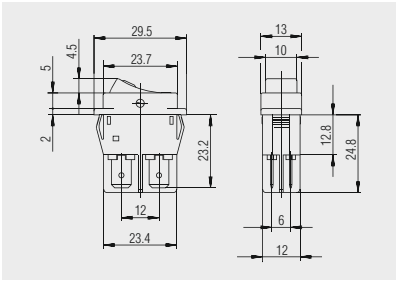
X	Y	Z
0.8 ... 5.0	28.6 $^{\pm 0.1}$	14 $^{+0.2}$

SERIES 1550 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

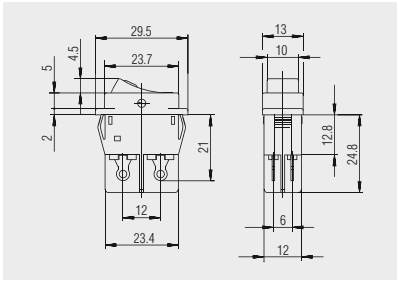
TO 16 (4) A 250 V AC



Basic types 1550 and 1555
lower lying flange
single and double-pole



Quick-connect terminal
6.3 x 0.8



Solder terminal

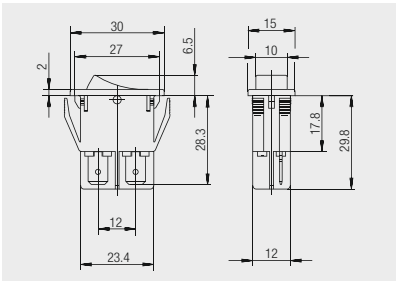


X = wall thickness

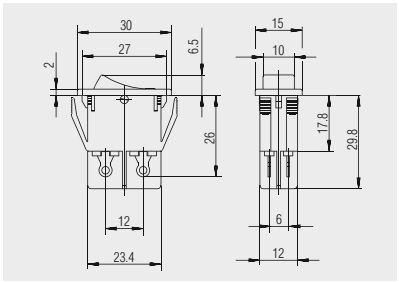
X	Y	Z
0.75 ... 1.25	26.2 $^{-0.1}$	12.4 $^{+0.1}$
2 ... 3	26.8 $^{-0.1}$	12.4 $^{+0.1}$
2 ... 3	26.8 $^{-0.1}$	12.4 $^{+0.1}$
1.25 ... 2	26.4 $^{-0.1}$	12.4 $^{+0.1}$



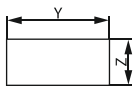
Basic types 1551 and 1552
single and double-pole



Quick-connect terminal
6.3 x 0.8



Solder terminal



X = wall thickness

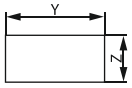
X	Y	Z
0.8 ... 5.0	27.2 $^{\pm 0.1}$	12.2 $^{+0.2}$

SERIES 1550 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

TO 16 (4) A 250 V AC

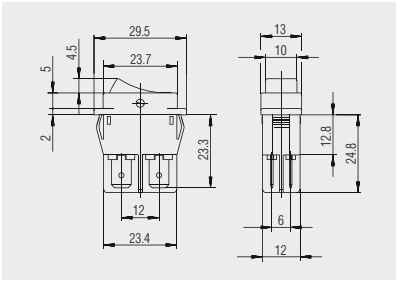


Basic types 1551 and 1552
lower lying flange
single and double-pole

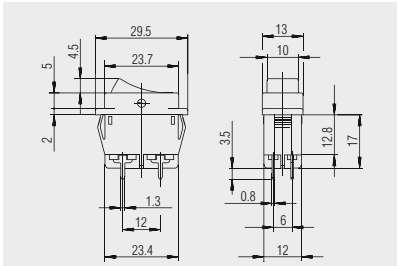


X = wall thickness

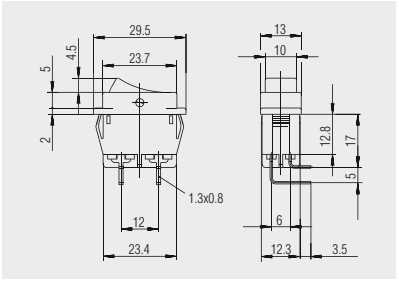
X	Y	Z
0.75 ... 1.25	26.2 $^{-0.1}$	12.4 $^{+0.1}$
1.25 ... 2	26.4 $^{-0.1}$	12.4 $^{+0.1}$
2 ... 3	26.8 $^{-0.1}$	12.4 $^{+0.1}$



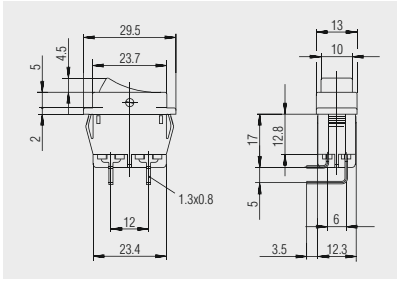
Quick-connect terminal
6.3 x 0.8



Solder terminal



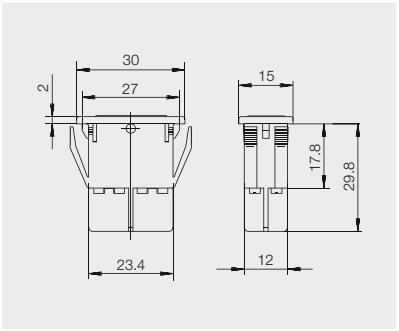
PCB terminal angled



PCB terminal angled
mirror-inverted



Dummy piece
203.103.013



Dummy piece for series 1550 of PA

Further information under

WWW.MARQUARDT-SWITCHES.COM