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
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



single-pole



	Lighting voltage (V)	Actuator color / printing	Housing color	7 A 250 V AC 5E4	16 (4) A 250 V AC 5E4	16 (4) A 250 V AC 1E4	10 (4) A 250 V AC 5E4	10 (4) A 250 V AC 25E3	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					o	o						o			6.3	Ag			
1550.3609	12								o							6.3	Ag		lower lying flange	
1551.3102						o	o						o	o		6.3	Ag	o		o
1551.3103						o	o						o	o		6.3	Ag			
1551.3106						o	o						o	o		6.3	Ag			
1551.2654										o							Au		approvals KEMA lower lying flange	
Normally closed contact (SPNC)																				
1581.1303					o								o	o		6.3	Ag	o	increased life endurance at a high electrical rating	
1551.1303						o	o						o	o		6.3	Ag			
Normally open contact (SPNO)																				
1551.3202						o	o						o	o		6.3	Ag			o
1551.3702						o	o						o	o		6.3	Ag		lower lying flange	

SERIES 1550 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

TO 16 (4) A 250 V AC



double-pole

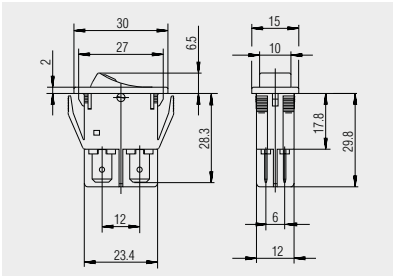


	Lighting voltage (V)	Actuator color / printing	Housing color	7 A 250 V AC 5E4	16 (4) A 250 V AC 5E4	16 (4) A 250 V AC 1E4	10 (4) A 250 V AC 5E4	10 (4) A 250 V AC 25E3	10 A 12 V DC	20 mA 250 V AC 5E4	20 A 250 V AC 2 HP	20 A 125 V AC 1 HP	16 A 250 V AC 2 HP	16 A 125 V AC 1 HP	Terminal type	Terminal description	Contact material	EN 60335 cap. 30 conform "G"	Miscellaneous	Stock version
ON / OFF switch (DPST)																				
1555.3102	230					o	o				o	o	o			6.3	Ag	o		o
1555.3104	230					o	o						o			6.3	Ag			o
1555.3108	230					o	o						o			6.3	Ag			o
1555.3604	230					o	o						o			6.3	Ag		lower lying flange	
1555.4608	230					o	o						o				Ag		lower lying flange	
1555.8104	230					o	o						o			6.3	Ag		flange dimension 31.5 x 17 mm	
1555.3125	115					o	o				o	o	o			6.3	Ag	o		
1555.3109	110													o		6.3	Ag			
1555.3120	110													o		6.3	Ag			
1555.3111	12								o							6.3	Ag			
1552.0102						o	o						o	o			Ag			o
1552.2601						o	o						o	o			Ag		lower lying flange	
1552.2602						o	o						o	o			Ag	o	lower lying flange	o
1552.3102						o	o						o	o		6.3	Ag			o
1552.3104						o	o						o	o		6.3	Ag			
1552.3112						o	o						o	o		6.3	Ag	o	conformant with EN 60065 par. 14.6	o
1552.3117						o	o				o	o	o	o		6.3	Ag	o		
1552.3602						o	o						o	o		6.3	Ag		lower lying flange	o
1552.4602						o	o						o	o			Ag		lower lying flange	o
1552.4702						o	o						o	o			Ag		2 PCB holders lower lying flange	
1552.4802						o	o						o	o			Ag		lower lying flange	

SERIES 1550 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

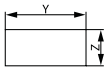
TO 16 (4) A 250 V AC





Basic types 1550 and 1555
single and double-pole

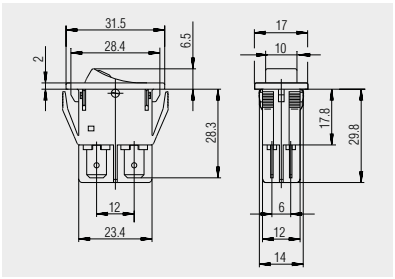
Quick-connect terminal 6.3 x 0.8



X = Wall thickness

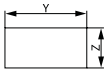
x	y	z
0.8 ... 5.0	27.2 $^{+-0.1}$	12.2 $^{+0.2}$





1555.8104
double-pole

Quick-connect terminal 6.3 x 0.8
cover frame 31.5 x 17 mm



X = Wall thickness

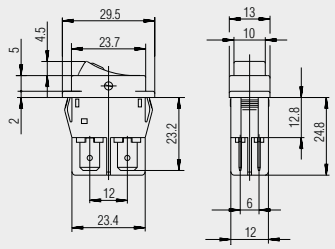
x	y	z
0.8 ... 5.0	28.6 $^{+-0.1}$	14 $^{+0.2}$

SERIES 1550 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

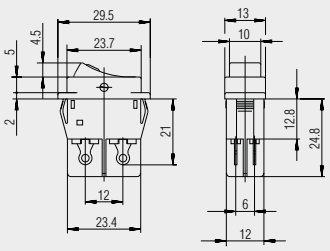
TO 16 (4) A 250 V AC



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



Quick-connect terminal 6.3 x 0.8



Solder terminal

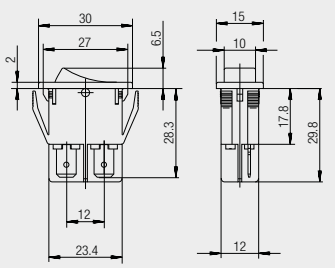


X = Wall thickness

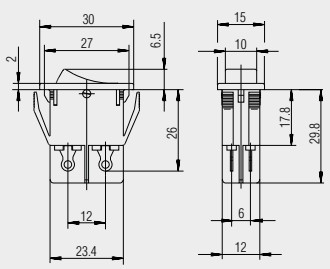
x	y	z
0.75 ... 1.25	26.2 $^{-0.1}$	12.4 $^{+0.1}$
2 ... 3	26.8 $^{-0.1}$	12.4 $^{+0.1}$
2 ... 3	26.8 $^{-0.1}$	12.4 $^{+0.1}$
1.25 ... 2	26.4 $^{-0.1}$	12.4 $^{+0.1}$



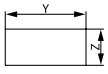
Basic type 1551 and 1552
single and double-pole



Quick-connect terminal 6.3 x 0.8



Solder terminal



X = Wall thickness

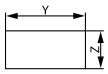
x	y	z
0.8 ... 5.0	27.2 $^{+-0.1}$	12.2 $^{+0.2}$

SERIES 1550 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

TO 16 (4) A 250 V AC

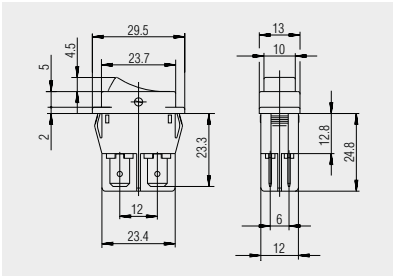


Basic types 1551 and 1552
lower lying flange
single and double-pole

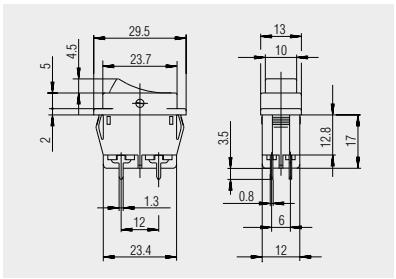


X = Wall thickness

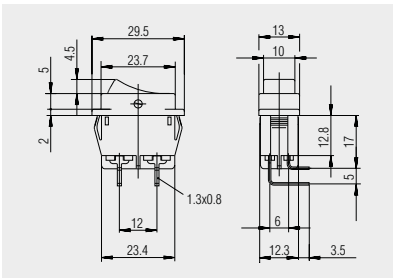
x	y	z
0.75 ... 1.25	26.2 $^{-0.1}$	12.4 $^{+0.1}$
1.25 ... 2	26.4 $^{-0.1}$	12.4 $^{+0.1}$
2 ... 3	26.8 $^{-0.1}$	12.4 $^{+0.1}$



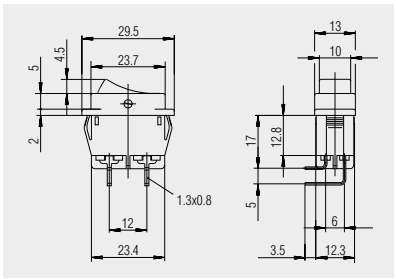
Quick-connect terminal 6.3 x 0.8



PCB terminal



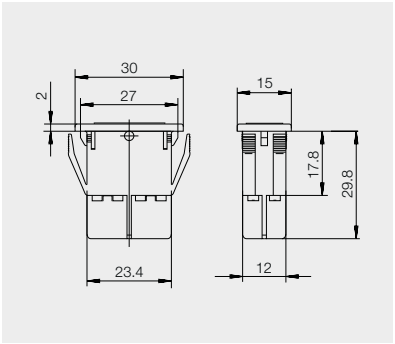
PCB terminal
angled



PCB terminal
angled mirror-inverted



Dummy piece
203.103.013



Dummy piece for series 1550 made of PA