



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	



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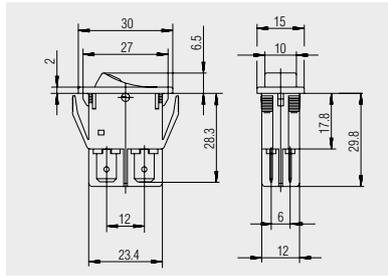
 single-pole 		Lighting voltage (V)	Actuator color / printing	Housing color	7 A 250 V AC 5E4	16 (4) A 250 V AC 5E4	16 (4) A 250 V AC 1E4	10 (4) A 250 V AC 5E4	10 (4) A 250 V AC 25E3	10 A 12 V DC	20 mA 250 V AC 5E4	20 A 250 V AC 2 HP	20 A 125 V AC 1 HP	16 A 250 V AC 2 HP	16 A 125 V AC 1 HP	Terminal type	Terminal description	Contact material	EN 60335 cap. 30 conform "G"	Miscellaneous	Stock version
ON / OFF switch (SPST)																					
1550.3102	230					○	○							○			6.3	Ag			
1550.3609	12								○								6.3	Ag		lower lying flange	
1551.3102						○	○							○	○		6.3	Ag	○		○
1551.3103						○	○							○	○		6.3	Ag			
1551.3106						○	○							○	○		6.3	Ag			
1551.2654										○								Au		approvals KEMA lower lying flange	
Normally closed contact (SPNC)																					
1581.1303					○									○	○		6.3	Ag	○	increased life endurance at a 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	

ROCKERSWITCHES
 PUSHBUTTON SWITCHES
 TOGGLE SWITCHES
 SLIDE SWITCHES
 ROTARY SWITCHES
 FOOT SWITCHES
 TACT AND KEY SWITCHES
 SMP-ACTION SWITCHES
 MICRO-SIGNAL SWITCHES
 SENSORS
 ECO
 PUSH N'DRIVE



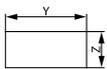
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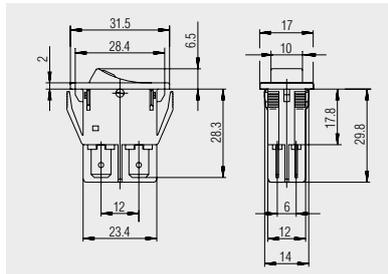
Basic types 1550 and 1555
single and double-pole

Quick-connect terminal 6.3 x 0.8



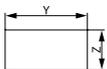
X = Wall thickness

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}

ROCKER SWITCHES
PUSHBUTTON SWITCHES
TOGGLE SWITCHES
SLIDE SWITCHES
ROTARY SWITCHES
FOOT SWITCHES
TACT AND KEY SWITCHES
SNAP-ACTION SWITCHES
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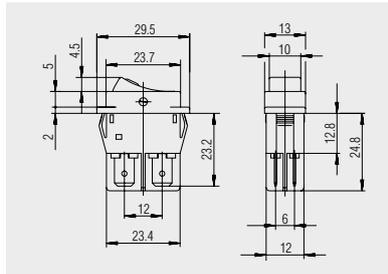


SERIES 1550 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

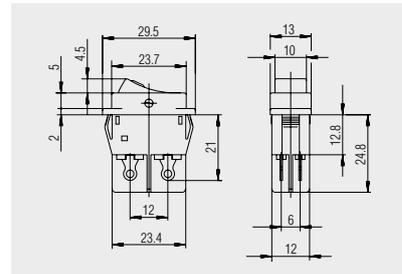
TO 16 (4) A 250 V AC



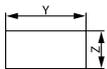
Basic types 1550 and 1555
lower lying flange
single and double-pole



Quick-connect terminal 6.3 x 0.8



Solder terminal

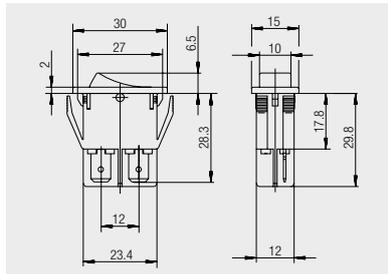


X = Wall thickness

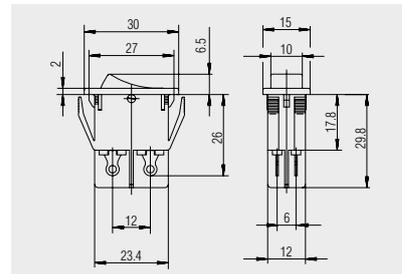
x	y	z
0.75 ... 1.25	26.2 ^{-0.1}	12.4 ^{+0.1}
2 ... 3	26.8 ^{-0.1}	12.4 ^{+0.1}
2 ... 3	26.8 ^{-0.1}	12.4 ^{+0.1}
1.25 ... 2	26.4 ^{-0.1}	12.4 ^{+0.1}



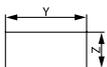
Basic type 1551 and 1552
single and double-pole



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}

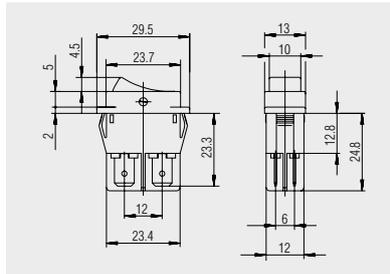


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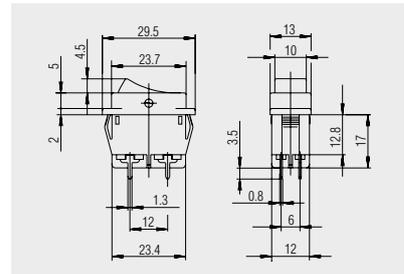
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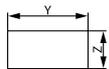
Basic types 1551 and 1552
lower lying flange
single and double-pole



Quick-connect terminal 6.3 x 0.8

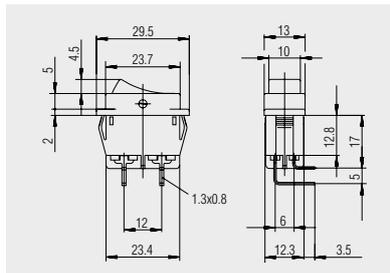


PCB terminal

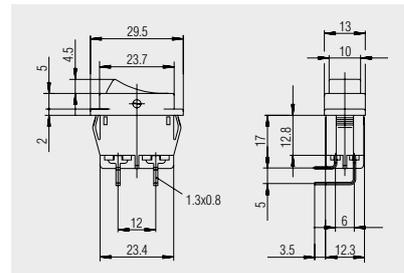


X = Wall thickness

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}



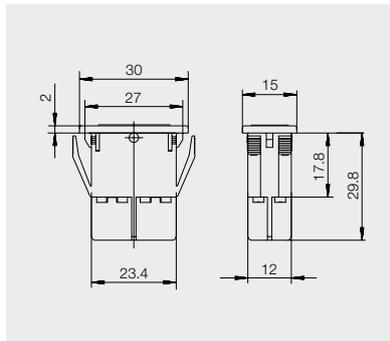
PCB terminal angled



PCB terminal angled mirror-inverted



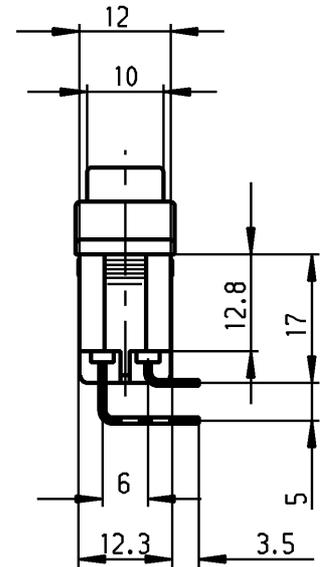
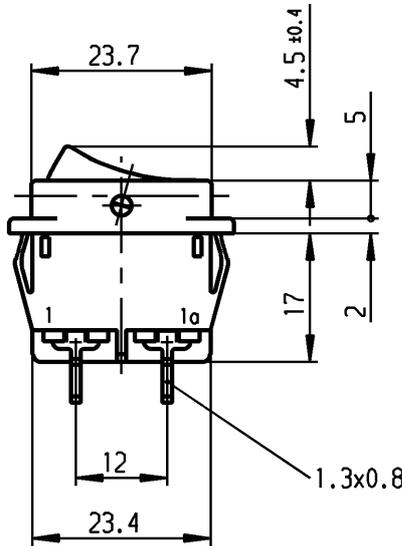
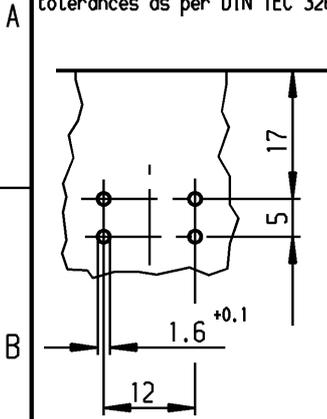
Dummy piece
203.103.013



Dummy piece for series 1550 made of PA

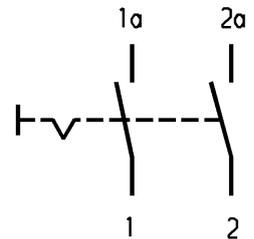
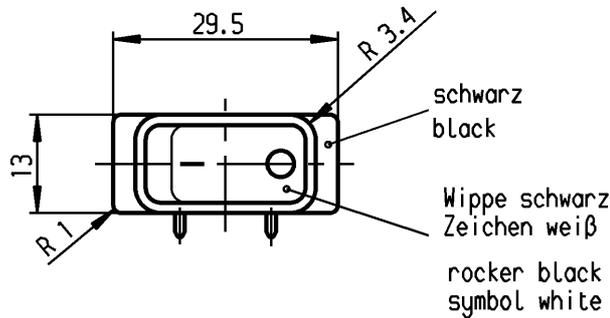
Empfohlenes Lochbild; Bauteilseite
Toleranzen nach DIN IEC 326 sehr fein
recommended terminal layout; side of component
tolerances as per DIN IEC 326 item 3 very fine

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 to / bis 1.25	26.2 -0.1	12.4 +0.1
1.25 to / bis 2	26.4 -0.1	12.4 +0.1
2 to / bis 3	26.8 -0.1	12.4 +0.1



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Aufschrift
Marking



- 155..
- 16 (4)/250 ~
- 10 (4)/250 ~ 5E4 T100/55 T100
- 5/100A 250V ~



16A 125-250V AC
1 HP 125V AC
2 HP 250V AC
R38

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

Ausschalter 2-polig
fuer Gerate der Klasse II geeignet
DPST
suitable for appliances of class II

Schutzvermerk nach DIN 34 beachten
COPYRIGHT RESERVED

Fur Form und Logo FOR SHAPE AND LOC.	Fur Winkel FOR ANGLE ± 2°	Allgemeintoleranzen UNTOLERANCED DIMENSIONS				Pause COPY	Blatt SHEET 01		Typ K	Zeichn./DRAWING NO. 1552.4602	Index																																			
		PROJECTION	Abmasse und Nennmassbereiche Angaben in mm	Laengen LENGTH	Radien RADII		Original DIN	Maßstab SCALE 1:1																																						
<table border="1"> <tr> <td>0-6</td> <td>± 0.2</td> <td>± 0.2</td> <td></td> <td></td> <td></td> </tr> <tr> <td>>6-15</td> <td>± 0.4</td> <td>±</td> <td></td> <td></td> <td></td> </tr> <tr> <td>>15-30</td> <td>± 0.4</td> <td>±</td> <td></td> <td></td> <td></td> </tr> <tr> <td>>30-70</td> <td>±</td> <td>±</td> <td></td> <td></td> <td></td> </tr> <tr> <td>>70-120</td> <td>±</td> <td>±</td> <td></td> <td></td> <td></td> </tr> <tr> <td>>120-200</td> <td>±</td> <td>±</td> <td></td> <td></td> <td></td> </tr> </table>		0-6	± 0.2	± 0.2				>6-15	± 0.4	±				>15-30	± 0.4	±				>30-70	±	±				>70-120	±	±				>120-200	±	±				ALL DIMENSIONS ARE IN MILLIMETRES		0 10 20 30 mm		A4				
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b	21323	24.03.92	Mut	f	69572	gez./DRAWN BY 18.04.88 ZF																																								
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