



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					○	○						○			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	

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 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					○	○				○	○	○			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	○		
1555.3109	110													○		6.3	Ag			
1555.3120	110													○		6.3	Ag			
1555.3111	12							○								6.3	Ag			
1552.0102						○	○						○	○			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	○	conformant with EN 60065 par. 14.6	○
1552.3117						○	○				○	○	○	○		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	

ROCKERSWITCHES

PUSHBUTTON SWITCHES

TOGGLE SWITCHES

SLIDE SWITCHES

ROTARY SWITCHES

FOOT SWITCHES

TACT AND KEY SWITCHES

SNAP-ACTION SWITCHES

MICRO-SIGNAL SWITCHES

SENSORS

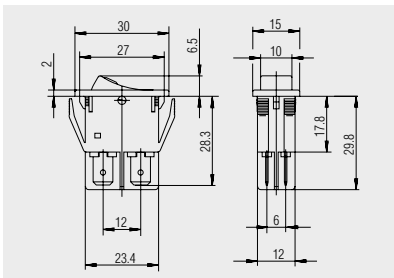
ECO

PUSH'N'DRIVE



SERIES 1550 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

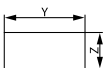
T0 16 (4) A 250 V AC



Basic types 1550 and 1555
single and double-pole

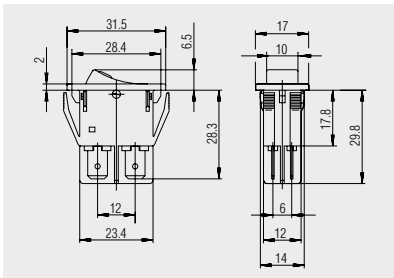


Quick-connect terminal 6.3 x 0.8



X = Wall thickness

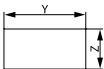
x	y	z
0.8 ... 5.0	27.2 ± 0.1	12.2 ± 0.2



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

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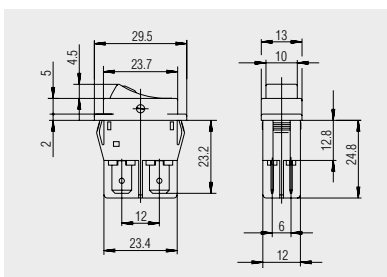


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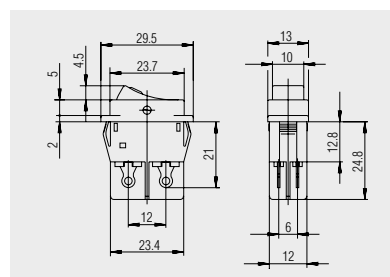
T0 16 (4) A 250 V AC



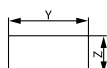
Basic types 1550 and 1555
lower lying flange
single and double-pole



 Quick-connect terminal 6.3 x 0.8



 Solder terminal

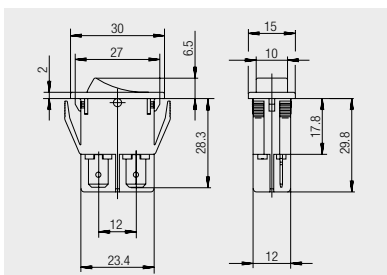


X = Wall thickness

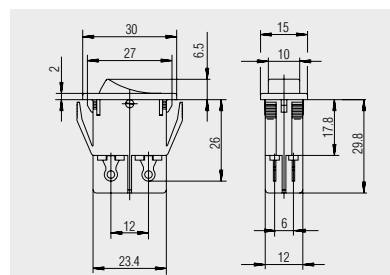
x	y	z
0.75 ... 1.25	26.2 ^{-0.1}	12.4 ^{+0.1}
2 ... 3	26.8 ^{-0.1}	12.4 ^{+0.1}
2 ... 3	26.8 ^{-0.1}	12.4 ^{+0.1}
1.25 ... 2	26.4 ^{-0.1}	12.4 ^{+0.1}



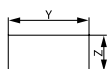
Basic type 1551 and 1552
single and double-pole



 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}

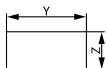


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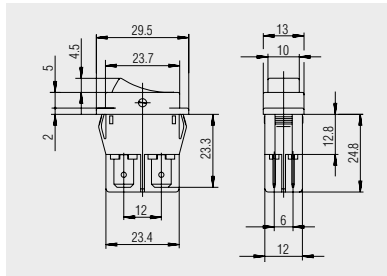


Basic types 1551 and 1552
lower lying flange
single and double-pole

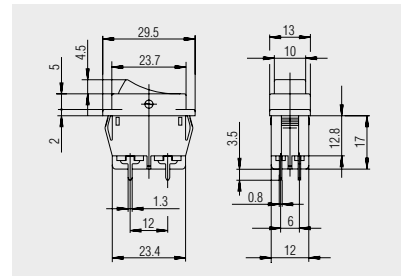


X = Wall thickness

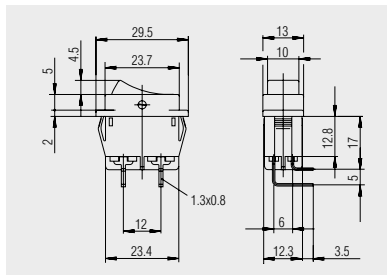
x	y	z
0.75 ... 1.25	26.2 ^{-0.1}	12.4 ^{+0.1}
1.25 ... 2	26.4 ^{-0.1}	12.4 ^{+0.1}
2 ... 3	26.8 ^{-0.1}	12.4 ^{+0.1}



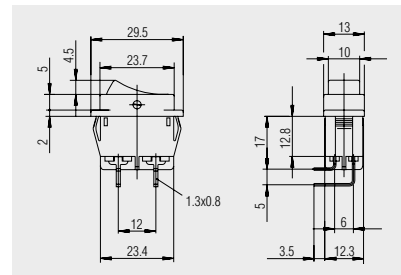
Quick-connect terminal 6.3 x 0.8



PCB terminal



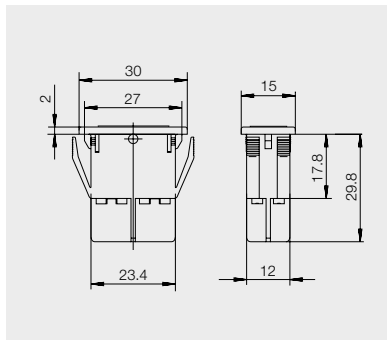
PCB terminal
angled



PCB terminal
angled mirror-inverted



Dummy piece
203.103.013



Dummy piece for series 1550 made
of PA

ROCKER SWITCHES

PUSHBUTTON SWITCHES

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1		2		3		4	
A	Empfohlener Ausschnitt für Rastbefestigung (Grat gegenüber Bestueckungsseite) recommended cut-out for snap-in fixing (edge opposite to snap-in direction)			Wanddicke wall thickness		Ausschnittlänge length of cut-out	
				0.8 to / bis 5.0		27.2 ±0.1	
B	VERTRAULICH-CONFIDENTIAL Alle Rechte bei Marquardt, auch fuer den Fall von Schutzrechtsanmeldungen. Jede Verfuegungsbefugnis, wie Kopier- und Weitergaberecht, bei uns. This document is the exclusive property of Marquardt. Without our consent, it may not be reproduced or given to third parties.						
	Top view dimensions: 27^{-0.2}, 6.5, 26, 2.4, 12, 23.4, 2, 10, 12.2, 17.8, 29.8, 0.8, 6, 12. Side view dimensions: 30, 15, R1. Labels: schwarz black, Wippe schwarz Zeichen weiß rocker black symbol white.						
C							
D	Aufschrift Marking Ⓜ 155.. 16(4)/250 ~ T100/55 T100 10(4)/250 ~ 5E4 5/100A 250V ~ 05 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						
E	DPST suitable for appliances of class II Ausschalter 2-polig Fuer Gerate der Klasse II geeignet						

Fur Form und Logo FOR SHAPE AND LOC.		Fur Winkel FOR ANGLE		Allgemeintoleranzen UNTOLERANCED DIMENSIONS		Pause COPY		Blatt SHEET		Typ		Zeichn./DRAWING NO.		Index																									
				Abmasse und Nennmassbereiche Angaben in mm <table border="1"> <tr> <td>0-6</td> <td>± 0.2</td> <td>Laengen LENGTH</td> <td>Radien RADII</td> </tr> <tr> <td>>6-15</td> <td>± 0.4</td> <td></td> <td></td> </tr> <tr> <td>>15-30</td> <td>± 0.4</td> <td></td> <td></td> </tr> <tr> <td>>30-70</td> <td>±</td> <td></td> <td></td> </tr> <tr> <td>>70-120</td> <td>±</td> <td></td> <td></td> </tr> <tr> <td>>120-200</td> <td>±</td> <td></td> <td></td> </tr> </table> ALL DIMENSIONS ARE IN MILLIMETRES		0-6	± 0.2	Laengen LENGTH	Radien RADII	>6-15	± 0.4			>15-30	± 0.4			>30-70	±			>70-120	±			>120-200	±			Original DIN Maßstab SCALE 1:1		0 10 20 30 mm		K		1552.0102		Geraeteschalter Appliance Switch	
0-6	± 0.2	Laengen LENGTH	Radien RADII																																				
>6-15	± 0.4																																						
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>30-70	±																																						
>70-120	±																																						
>120-200	±																																						
c 35129 27.02.03 wj g b 23635 10.11.95 R5 f a 21323 23.04.92 Mut e		d 69572 29.09.10 hhe		CAD Medusa Z		gez./DRAWN BY 12.04.88 ZF gepr./CHECKED BY Lr		Ersatz für/REPLACEMENT OF		MARQUARDT Marquardt, D-78604 Rietheim-Weilheim																													
Ausg. ISSUE		Änderung REVISION		gez. DRAWN BY		Ausg. ISSUE		Änderung REVISION		gez. DRAWN BY																													