



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



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											Terminal type	Terminal description	Contact material	Miscellaneous	Stock version			
	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	EN 60335 cap. 30 conform "G"									
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

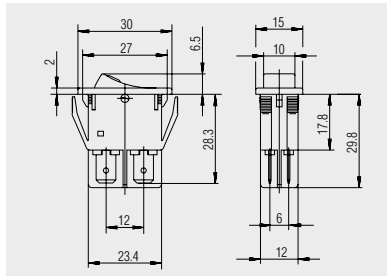
ECO

PUSH'DRIVE



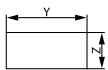
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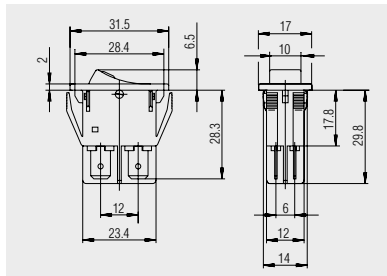
Basic types 1550 and 1555
single and double-pole

Quick-connect terminal 6.3 x 0.8



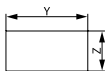
X = Wall thickness

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}

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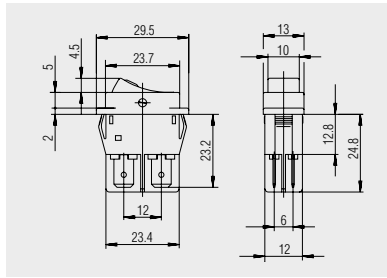


SERIES 1550 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

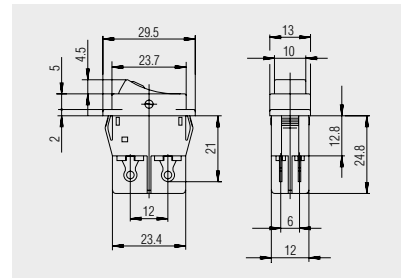
TO 16 (4) A 250 V AC



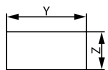
Basic types 1550 and 1555
lower lying flange
single and double-pole



Quick-connect terminal 6.3 x 0.8



Solder terminal

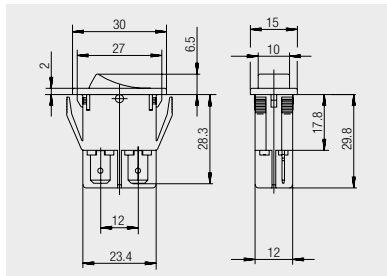


X = Wall thickness

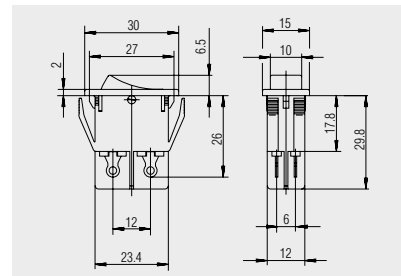
x	y	z
0.75 ... 1.25	26.2 ^{-0.1}	12.4 ^{+0.1}
2 ... 3	26.8 ^{-0.1}	12.4 ^{+0.1}
2 ... 3	26.8 ^{-0.1}	12.4 ^{+0.1}
1.25 ... 2	26.4 ^{-0.1}	12.4 ^{+0.1}



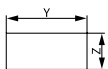
Basic type 1551 and 1552
single and double-pole



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}

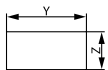


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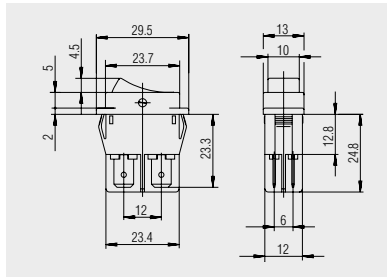


Basic types 1551 and 1552
lower lying flange
single and double-pole

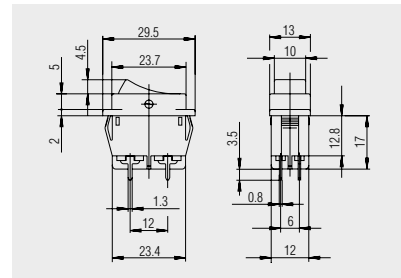


X = Wall thickness

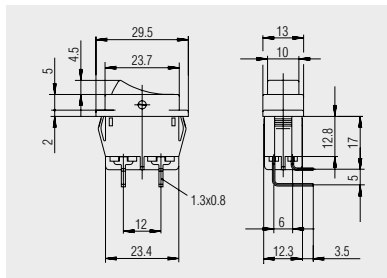
x	y	z
0.75 ... 1.25	26.2 ^{-0.1}	12.4 ^{+0.1}
1.25 ... 2	26.4 ^{-0.1}	12.4 ^{+0.1}
2 ... 3	26.8 ^{-0.1}	12.4 ^{+0.1}



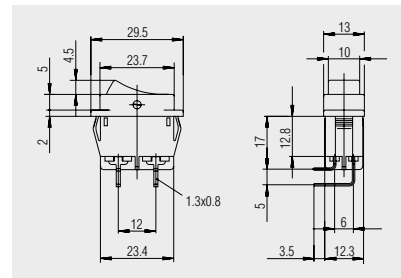
Quick-connect terminal 6.3 x 0.8



PCB terminal



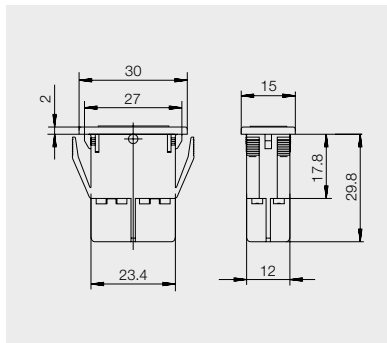
PCB terminal angled



PCB terminal angled mirror-inverted

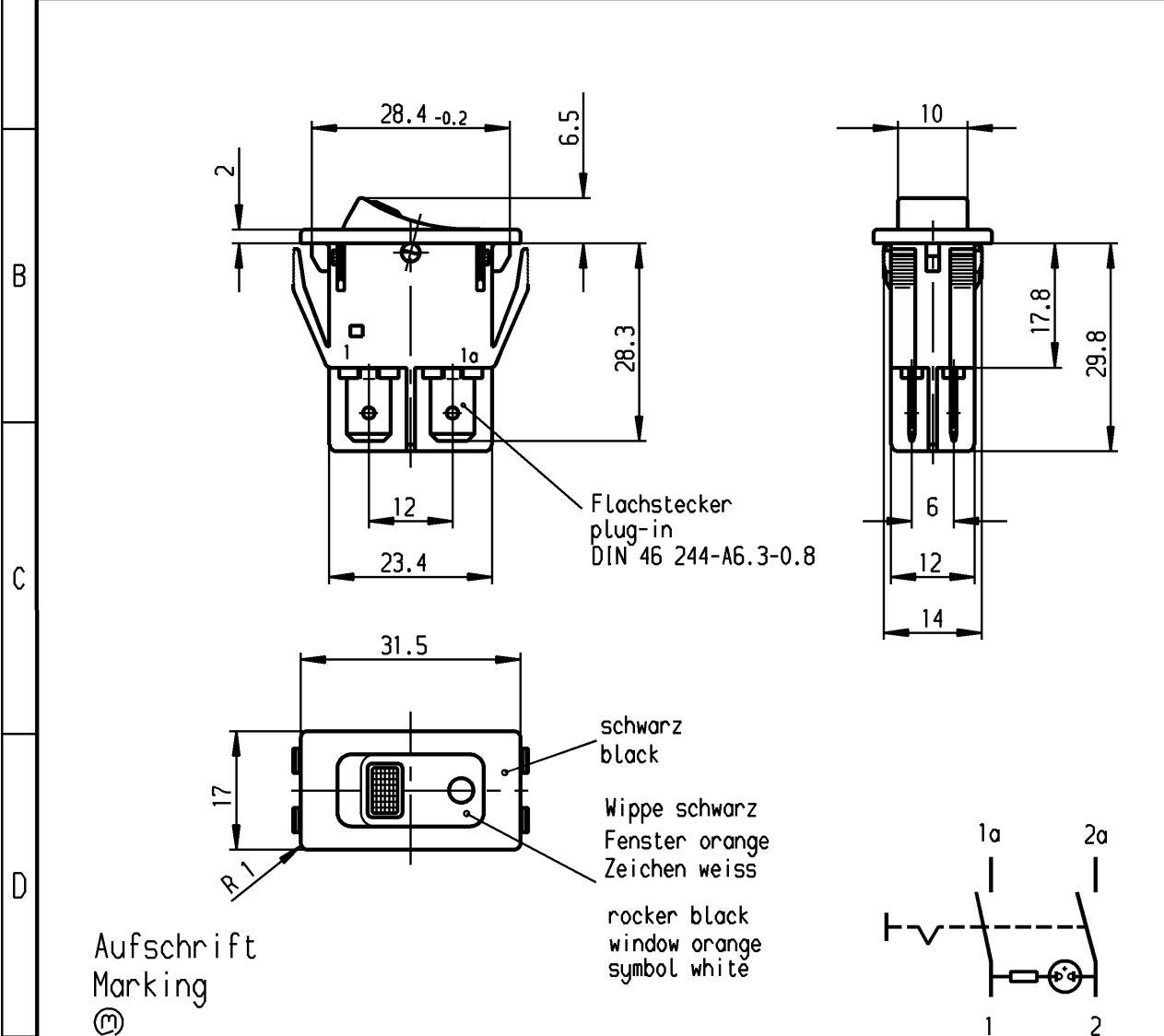


Dummy piece
203.103.013



Dummy piece for series 1550 made of PA

A	1	2	3	4
	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	Ausschnittbreite width of cut-out
		0.8 bis / to 5.0	28.6 ±0.1	14 -0.2



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**Aufschrift
Marking**
 (M)
 155..
 16(4)/250 ~
 10(4)/250 ~ 5E4 T100/55
 5/100A 250V ~
 05
 16A 250V AC
 2 HP
 R145 **RS**
 Herstellort/-jahr/-woche
 nach DIN EN 60062
 code of manufacture:
 place/year/week acc. to DIN EN 60062

Ausschalter 2-polig
 Glimmlampe mit R_v für 230 V ~
 fuer Gerate der Klasse II geeignet
 DPST
 neon lamp with R_v for 230V AC
 suitable for appliances of class II

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Für Form und Lage FOR SHAPE AND LOC. Für Winkel FOR ANGLE		Allgmeintoleranzen UNTOLERANCED DIMENSIONS		Pause COPY	Blatt SHEET Original DIN A4	Maßstab SCALE 1:1	Typ K	Zeichn./DRAWING NO. 1555.8104	Index
PROJECTION 		Abmasse und Nennmassbereiche Angaben in mm ALL DIMENSIONS ARE IN MILLIMETRES		Laengen LENGTH 0-6 ± 0.2 >6-15 ± 0.4 >15-30 ± 0.4 >30-70 ± >70-120 ± >120-200 ±	Radien RADII ± 0.2 ± ±	0 10 20 30 mm	Gerateschalter Appliance Switch		
c	35129	27.02.03	wj	g			CAD Medusa Z		
b	23635	16.01.96	RS	f			gez./DRAWN BY 04.05.88 ZF		
a	21323	23.04.92	Mut	e			gepr./CHECKED BY Lr		
				d	69572	15.02.11	Ersatz für/REPLACEMENT OF		
Ausg. ISSUE	Anderung REVISION	gez. DRAWN BY	Ausg. ISSUE	Anderung REVISION	gez. DRAWN BY	MARQUARDT Marquardt, D-78604 Riethem-Weilheim			