



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					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	

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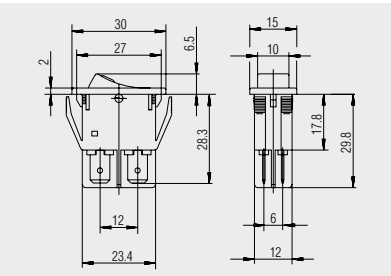
ECO

PUSH'N'DRIVE



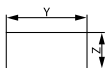
SERIES 1550 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

T0 16 (4) A 250 V AC



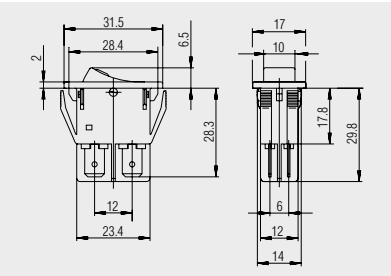
Basic types 1550 and 1555
single and double-pole

 Quick-connect terminal 6.3 x 0.8



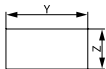
X = Wall thickness

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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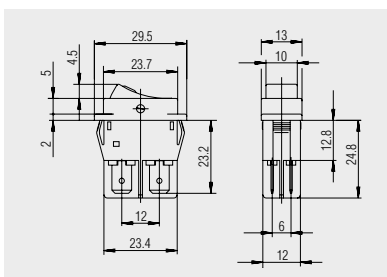


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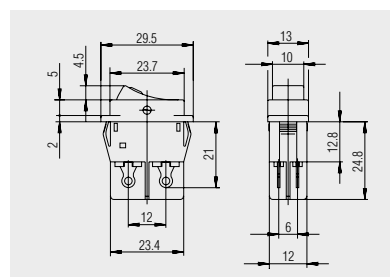
T0 16 (4) A 250 V AC



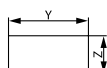
Basic types 1550 and 1555
lower lying flange
single and double-pole



 Quick-connect terminal 6.3 x 0.8



 Solder terminal

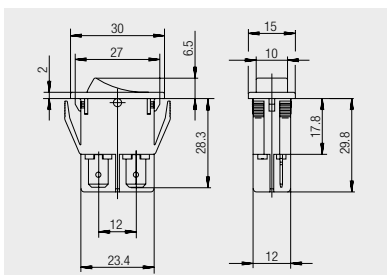


X = Wall thickness

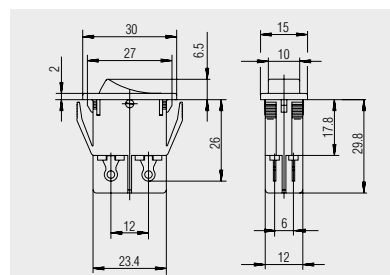
x	y	z
0.75 ... 1.25	26.2 ^{-0.1}	12.4 ^{+0.1}
2 ... 3	26.8 ^{-0.1}	12.4 ^{+0.1}
2 ... 3	26.8 ^{-0.1}	12.4 ^{+0.1}
1.25 ... 2	26.4 ^{-0.1}	12.4 ^{+0.1}



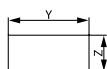
Basic type 1551 and 1552
single and double-pole



 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}

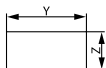


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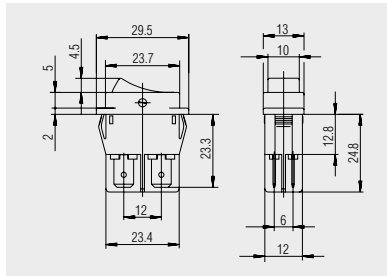


Basic types 1551 and 1552
lower lying flange
single and double-pole

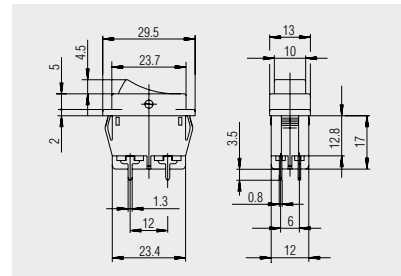


X = Wall thickness

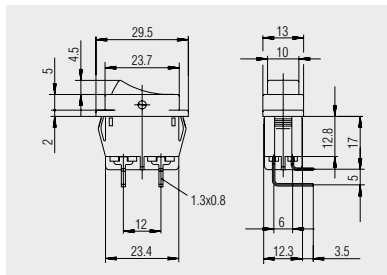
x	y	z
0.75 ... 1.25	26.2 ^{-0.1}	12.4 ^{+0.1}
1.25 ... 2	26.4 ^{-0.1}	12.4 ^{+0.1}
2 ... 3	26.8 ^{-0.1}	12.4 ^{+0.1}



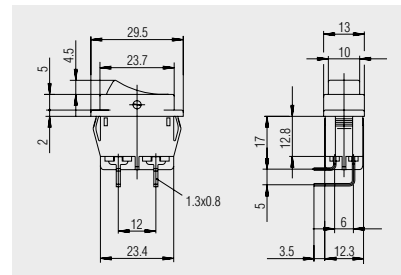
Quick-connect terminal 6.3 x 0.8



PCB terminal



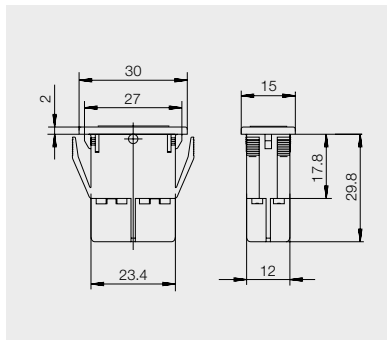
PCB terminal
angled



PCB terminal
angled mirror-inverted



Dummy piece
203.103.013



Dummy piece for series 1550 made
of PA

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TACT AND KEY SWITCHES

SNAP-ACTION SWITCHES

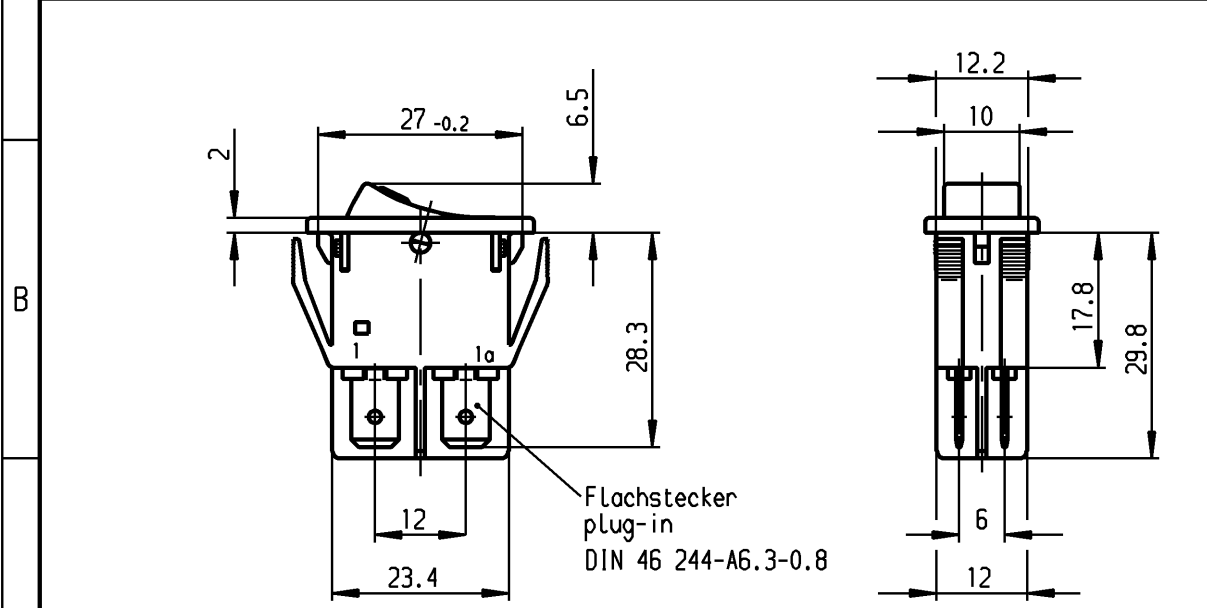
MICRO-SIGNAL SWITCHES

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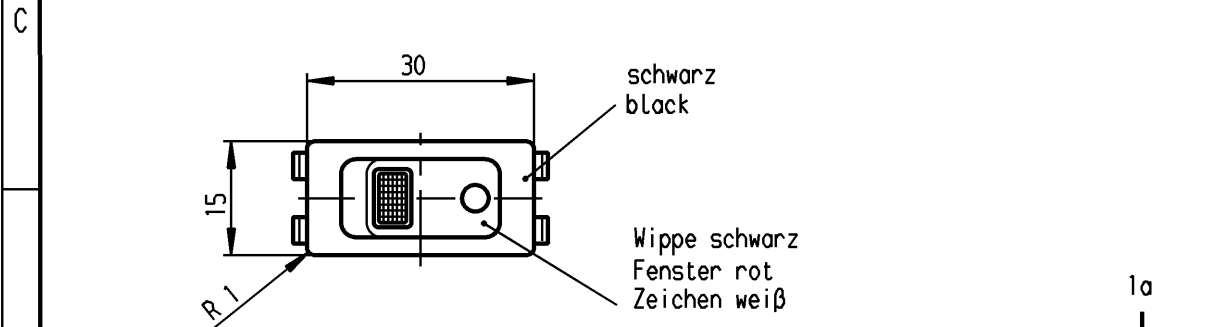
A	1	2	3		4
	Empfohlener Ausschnitt für Rastbefestigung (Grat gegenüber Bestueckungsseite) recommended cut-out for snap-in fixing (edge opposite to snap-in direction)	Wanddicke wall thickness	Ausschnittlaenge length of cut-out	Ausschnittbreite width of cut-out	
		0.8 to / bis 5.0	27.2 ±0.1	12.2 ±0.2	



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Aufschrift Marking

Ⓜ

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

05

16A 250V AC
2 HP
R145 **UL** Ⓢ

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

20A 125-250V AC
1HP 125V AC
2HP 250V AC
R174 **SP** Ⓢ

Ausschalter 2-polig
Glimmlampe mit R_V für 230 V ~
Fuer Geræate der Klasse II geeignet

DPST
neon lamp with R_V for 230V AC
suitable for appliances of class II

Auf Verpackung: G **UL** R174
On box:

G= Konform nach IEC 60335-1:2001 Kap.30
G= matching IEC 60335-1:2001 clause 30

Schutzvermerk nach DIN 34 beachten
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Für Form und Lage		Allgemeintoleranzen UNTOLERANCED DIMENSIONS		Pause COPY		Blatt SHEET 01		Typ K	Zeichn./DRAWING NO. 1555.3102	Index			
FOR SHAPE AND LOC.		PROJECTION		Laengen LENGTH		Original DIN A4					Maßstab SCALE 1:1		
Für Winkel FOR ANGLE ± 2°		Abmasse und Nennmassbereiche Angaben in mm		Radien RADI		0		10		20		30 mm	
		ALL DIMENSIONS ARE IN MILLIMETRES											