



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					○	○							○		U	6.3	Ag			
1550.3609	12								○							U	6.3	Ag		lower lying flange	
1551.3102						○	○							○	○	U	6.3	Ag	○		○
1551.3103						○	○							○	○	U	6.3	Ag			
1551.3106						○	○							○	○	U	6.3	Ag			
1551.2654										○						U		Au		approvals KEMA lower lying flange	
Normally closed contact (SPNC)																					
1581.1303					○									○	○	U	6.3	Ag	○	increased life endurance at a high electrical rating	
1551.1303						○	○							○	○	U	6.3	Ag			
Normally open contact (SPNO)																					
1551.3202						○	○							○	○	U	6.3	Ag			○
1551.3702						○	○							○	○	U	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	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				<input type="radio"/>	<input type="radio"/>					<input type="radio"/>	<input type="radio"/>	<input type="radio"/>			6.3	Ag	<input type="radio"/>		<input type="radio"/>
1555.3104		230				<input type="radio"/>	<input type="radio"/>							<input type="radio"/>			6.3	Ag			<input type="radio"/>
1555.3108		230				<input type="radio"/>	<input type="radio"/>							<input type="radio"/>			6.3	Ag			<input type="radio"/>
1555.3604		230				<input type="radio"/>	<input type="radio"/>							<input type="radio"/>			6.3	Ag		lower lying flange	
1555.4608		230				<input type="radio"/>	<input type="radio"/>							<input type="radio"/>				Ag		lower lying flange	
1555.8104		230				<input type="radio"/>	<input type="radio"/>							<input type="radio"/>			6.3	Ag		flange dimension 31.5 x 17 mm	
1555.3125		115				<input type="radio"/>	<input type="radio"/>					<input type="radio"/>	<input type="radio"/>	<input type="radio"/>			6.3	Ag	<input type="radio"/>		
1555.3109		110												<input type="radio"/>			6.3	Ag			
1555.3120		110												<input type="radio"/>			6.3	Ag			
1555.3111		12							<input type="radio"/>								6.3	Ag			
1552.0102						<input type="radio"/>	<input type="radio"/>							<input type="radio"/>	<input type="radio"/>			Ag			<input type="radio"/>
1552.2601						<input type="radio"/>	<input type="radio"/>							<input type="radio"/>	<input type="radio"/>			Ag		lower lying flange	
1552.2602						<input type="radio"/>	<input type="radio"/>							<input type="radio"/>	<input type="radio"/>			Ag	<input type="radio"/>	lower lying flange	<input type="radio"/>
1552.3102						<input type="radio"/>	<input type="radio"/>							<input type="radio"/>	<input type="radio"/>		6.3	Ag			<input type="radio"/>
1552.3104						<input type="radio"/>	<input type="radio"/>							<input type="radio"/>	<input type="radio"/>		6.3	Ag			
1552.3112						<input type="radio"/>	<input type="radio"/>							<input type="radio"/>	<input type="radio"/>		6.3	Ag	<input type="radio"/>	conformant with EN 60065 par. 14.6	<input type="radio"/>
1552.3117						<input type="radio"/>	<input type="radio"/>					<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		6.3	Ag	<input type="radio"/>		
1552.3602						<input type="radio"/>	<input type="radio"/>							<input type="radio"/>	<input type="radio"/>		6.3	Ag		lower lying flange	<input type="radio"/>
1552.4602						<input type="radio"/>	<input type="radio"/>							<input type="radio"/>	<input type="radio"/>			Ag		lower lying flange	<input type="radio"/>
1552.4702						<input type="radio"/>	<input type="radio"/>							<input type="radio"/>	<input type="radio"/>			Ag		2 PCB holders lower lying flange	
1552.4802						<input type="radio"/>	<input type="radio"/>							<input type="radio"/>	<input type="radio"/>			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

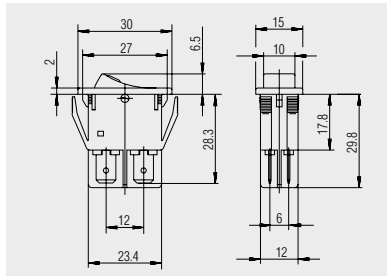
ECO

PUSH'DRIVE



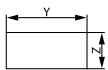
SERIES 1550 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

TO 16 (4) A 250 V AC



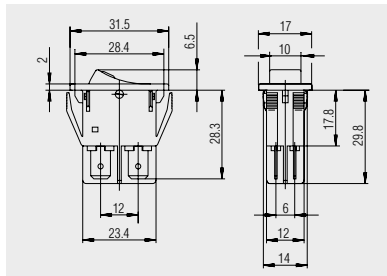
Basic types 1550 and 1555
single and double-pole

Quick-connect terminal 6.3 x 0.8



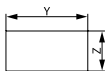
X = Wall thickness

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}

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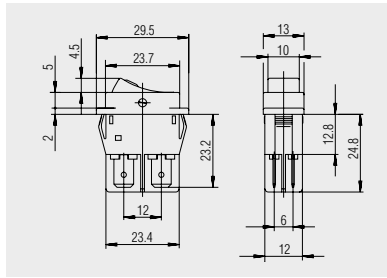


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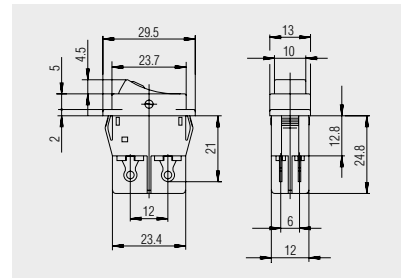
TO 16 (4) A 250 V AC



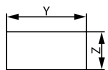
Basic types 1550 and 1555
lower lying flange
single and double-pole



Quick-connect terminal 6.3 x 0.8



Solder terminal

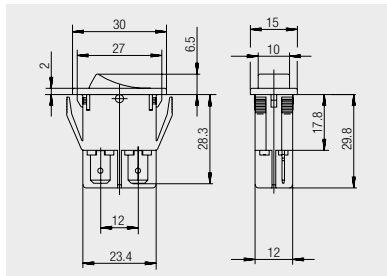


X = Wall thickness

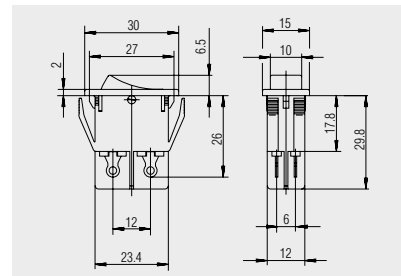
x	y	z
0.75 ... 1.25	26.2 ^{-0.1}	12.4 ^{+0.1}
2 ... 3	26.8 ^{-0.1}	12.4 ^{+0.1}
2 ... 3	26.8 ^{-0.1}	12.4 ^{+0.1}
1.25 ... 2	26.4 ^{-0.1}	12.4 ^{+0.1}



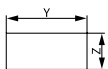
Basic type 1551 and 1552
single and double-pole



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}

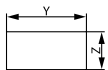


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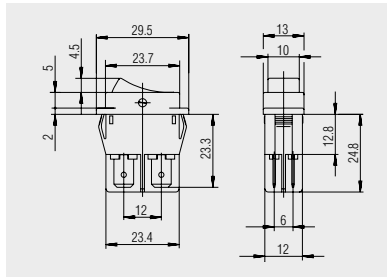


Basic types 1551 and 1552
lower lying flange
single and double-pole

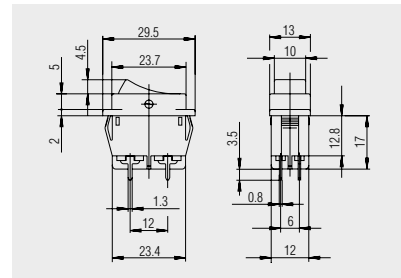


X = Wall thickness

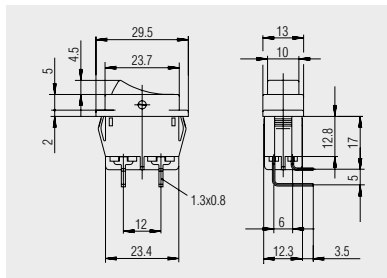
x	y	z
0.75 ... 1.25	26.2 ^{-0.1}	12.4 ^{+0.1}
1.25 ... 2	26.4 ^{-0.1}	12.4 ^{+0.1}
2 ... 3	26.8 ^{-0.1}	12.4 ^{+0.1}



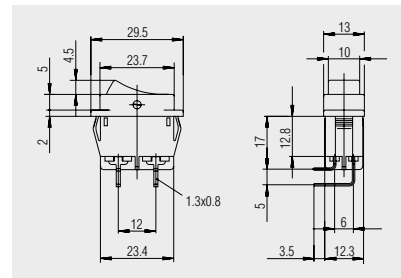
Quick-connect terminal 6.3 x 0.8



PCB terminal



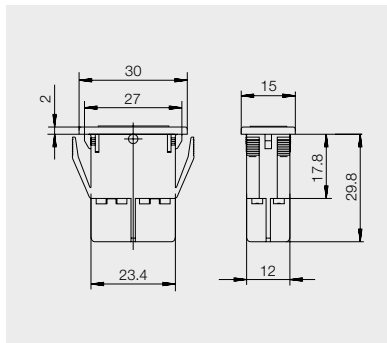
PCB terminal angled



PCB terminal angled mirror-inverted



Dummy piece
203.103.013

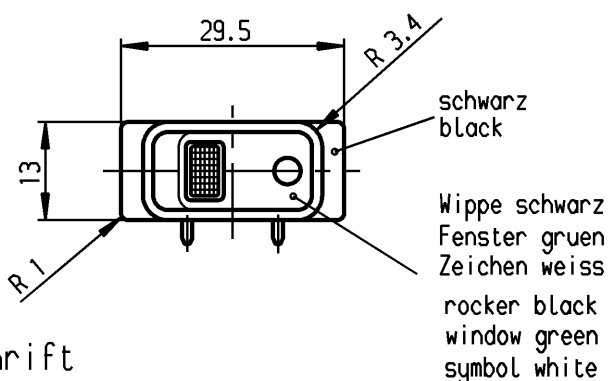
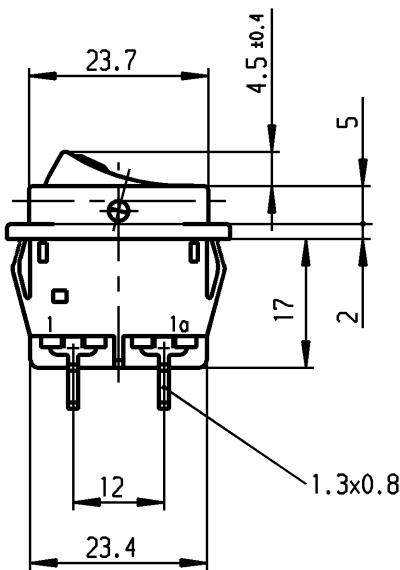
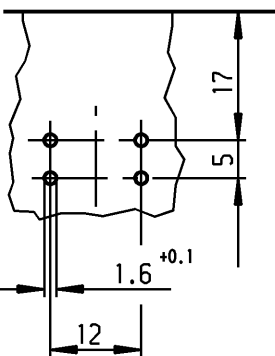


Dummy piece for series 1550 made of PA

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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



Aufschrift
Marking



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

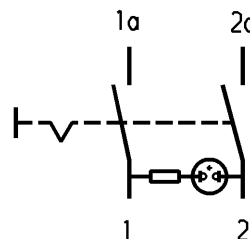
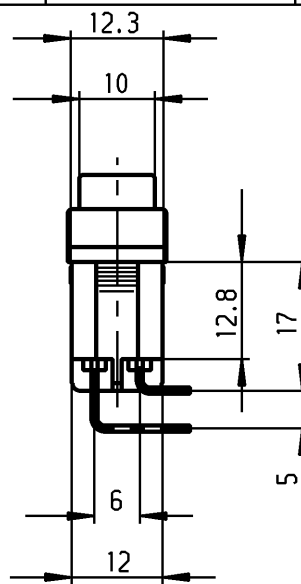


16A 250V AC
2 HP
R145

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

Empfohlener Ausschnitt fuer Rostbefestigung (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 bis / to 1.25	26.2 -0.1	12.4 +0.1
1.25 bis /to 2	26.4 -0.1	12.4 +0.1
2 bis / to 3	26.8 -0.1	12.4 +0.1



Ausschalter 2-polig
Glimmlampe mit R_v fuer 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 Logo FOR SHAPE AND LOC.		Allgemeintoleranzen UNTOLERANCED DIMENSIONS		Pause COPY		Blatt SHEET 01		Typ K		Zeichn./DRAWING NO. 1555.4608		Index	
Für Winkel FOR ANGLE ± 2°		Abmasse und Nennmassbereiche Angaben in mm		Laengen LENGTH		Radien RADII		Original DIN A4		Maßstab SCALE 1:1		Gerateschalter appliance switch	
PROJECTION		ALL DIMENSIONS ARE IN MILLIMETRES		0-6 ± 0.2		± 0.2		0 10 20 30 mm		CAD Medusa		Z	
c		g		>6-15 ± 0.4		±		gez./DRAWN BY 28.07.97 RS		Ersatz für/REPLACEMENT OF		MARQUARDT	
b 69572		f		>15-30 ± 0.4		±		gepr./CHECKED BY StL		Marquardt, D-78604 Riethem-Weilheim			
a 35129		e		>30-70 ±		±							
Ausg. ISSUE		d		>70-120 ±		±							
Anderung REVISION		gez. DRAWN BY		>120-200 ±		±							
		Ausg. ISSUE											
		Anderung REVISION											
		gez. DRAWN BY											
		Ausg. ISSUE											
		Anderung REVISION											
		gez. DRAWN BY											