

## ➔ SERIES 1670 - SINGLE AND DOUBLE-POLE PUSHBUTTON SWITCHES

TO 16 (4) A 250 V AC




### PRODUCT FEATURES

- ➔ Illuminated and non-illuminated pushbutton switch
- ➔ Internal gasket for IP 54
- ➔ Proven jump contact switching system (double interrupting)
- ➔ Opening and closing speed independent of the actuating speed
- ➔ Product-dependent with external lamp terminal

### ON REQUEST



- ➔ Other colors
- ➔ Other printing variants
- ➔ Other terminal types
- ➔ Other lamp variants
- ➔ Cable assembly
- ➔ Approval mark UL



<b>Mechanical life endurance</b>	5E4 1E4
<b>Operating force</b>	approx. 8 N
<b>Contact resistance (new condition)</b>	< 100 mOhm (1 A 12 V DC)
<b>Insulation resistance (new condition)</b>	> 100 MOhm (500 V DC)
<b>Proof tracking</b>	250 PTI
<b>Protection type</b>	IP 54
<b>Ambient temperature</b>	terminal side -20 °C ... +85 °C actuating side -20 °C ... +55 °C
<b>Flammability</b>	UL 94 V-2
<b>Glow wire test temperature</b>	850 °C
<b>Material</b> actuator housing terminals	PC (product-dependent) / PA PA / PA glass fiber-reinforced (product-dependent) Cu
<b>Plug force of the terminals</b>	≤ 80 N
<b>Approval marks</b>	
<b>Suitable for appliances of protection class II</b>	



# SERIES 1670 - SINGLE AND DOUBLE-POLE PUSHBUTTON SWITCHES

TO 16 (4) A 250 V AC

  single-pole	Lighting voltage (V)	Actuator color / printing	Housing color	16 (4) A 250 V AC 1E4	12 (4) A 250 V AC 1E4	Terminal type	Terminal description	Contact distance (mm)	Contact material	Miscellaneous	Stock version
<b>Normally open contact (SPNO)</b>											
1675.5315	230						6.3 / 2 x 4.8	≥ 3	Ag	external lamp terminals	
1672.5101							6.3	≥ 3	Ag		
<b>Changeover switch (SPDT)</b>											
1673.5501							4.8	< 3	Ag		








  double-pole	Lighting voltage (V)	Actuator color / printing	Housing color	16 (4) A 250 V AC 1E4	12 (4) A 250 V AC 1E4	Terminal type	Terminal description	Contact distance (mm)	Contact material	Miscellaneous	Stock version
<b>ON / OFF switch (DPST)</b>											
1670.5201	230						6.3	≥ 3	Ag		
1670.5202	230						6.3	≥ 3	Ag		
1670.5204	230						6.3	≥ 3	Ag		
1670.5203	115 - 230						6.3	≥ 3	Ag		
1671.5201							6.3	≥ 3	Ag		
1671.5203							6.3	≥ 3	Ag		
<b>Normally open contact (DPNO)</b>											
1671.5101							6.3	≥ 3	Ag		


ROTARY SWITCHES  
 PUSHBUTTON SWITCHES  
 TOGGLE SWITCHES  
 SLIDE SWITCHES  
 ROTARY SWITCHES  
 FOOT SWITCHES  
 TACT AND KEY SWITCHES  
 MICRO-SIGNAL SWITCHES  
 SMIP-ACTION SWITCHES  
 SENSORS  
 ECO  
 PUSH IN DRIVE



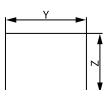
# SERIES 1670 - SINGLE AND DOUBLE-POLE PUSHBUTTON SWITCHES

TO 16 (4) A 250 V AC

 Lamp	Lighting voltage (V)	Actuator color / printing	Housing color	16 (4) A 250 V AC 1E4	12 (4) A 250 V AC 1E4	Terminal type	Terminal description	Contact distance (mm)	Contact material	Miscellaneous	Stock version
	1677.5306	230					6.3				
1677.5308	115 - 230					6.3					

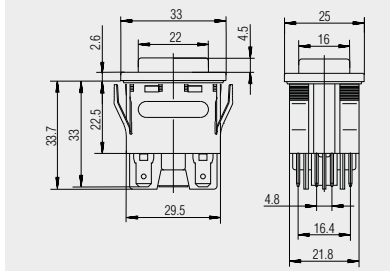



Basic types 1672, 1673 and 1675 single-pole illuminated / non-illuminated

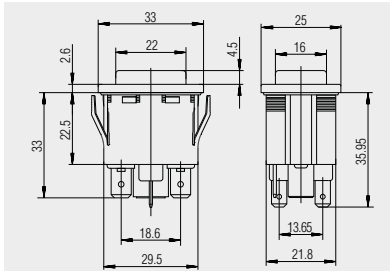



X = Wall thickness

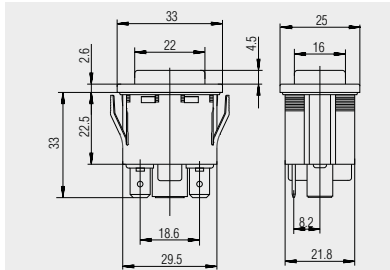
x	y	z
0.8 ... 5.0	30 <sup>+0.15</sup>	22.2 <sup>+0.15</sup>
0.8 ... 5.0	30 <sup>+0.15</sup>	22.2 <sup>+0.15</sup>




 Quick-connect terminal 4.8 x 0.8  
1673.5501



 Quick-connect terminal 6.3 x 0.8 / 2 x 4.8 x 0.8 external lamp terminal  
basic type 1675



 Quick-connect terminal 6.3 x 0.8  
basic type 1672

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/DRIVE

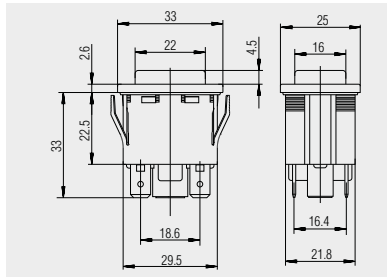


# SERIES 1670 - SINGLE AND DOUBLE-POLE PUSHBUTTON SWITCHES

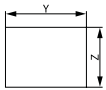
TO 16 (4) A 250 V AC



Basic types 1670 and 1671  
double-pole  
illuminated / non-illuminated



Quick-connect terminal 6.3 x 0.8

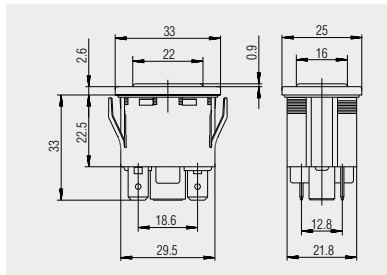


X = Wall thickness

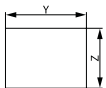
x	y	z
0.8 ... 5.0	30 <sup>+0.15</sup>	22.2 <sup>+0.15</sup>



Basic type 1677  
lamp



Quick-connect terminal 6.3 x 0.8

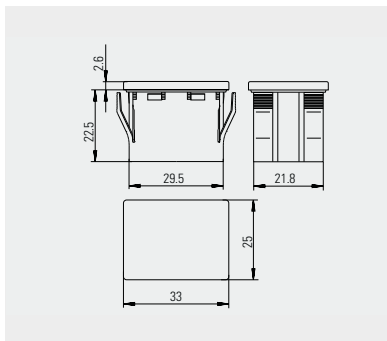


X = Wall thickness

x	y	z
0.8 ... 5.0	30 <sup>+0.15</sup>	22.2 <sup>+0.15</sup>



Dummy piece  
203.020.013



Dummy piece for size of basic type 1677 made of PA with housing in black and cover in blue

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TACT AND KEY SWITCHES  
SNAP-ACTION SWITCHES  
MICRO-SIGNAL SWITCHES  
SENSORS  
ECO  
PUSH-IN DRIVE

# MARQUARDT INTERNATIONAL.



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