

# 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

Mechanical life endurance	5E4 1E4
Operating force	approx. 8 N
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 54
Ambient temperature	terminal side -20 °C ... +85 °C actuating side -20 °C ... +55 °C
Flammability	UL 94 V-2
Glow wire test temperature	850 °C
Material	actuator: PC (product-dependent) / PA housing: PA / PA glass fiber-reinforced (product-dependent) terminals: Cu
Plug force of the terminals	≤ 80 N
Approval marks	
Suitable for appliances of protection class II	



ROCKER SWITCHES

PUSHBUTTON SWITCHES

TOGGLE SWITCHES

SLIDE SWITCHES

ROTARY SWITCHES

FOOT SWITCHES

FACT AND KEY SWITCHES

































SNAP-ACTION SWITCHES

MICRO-SIGNAL SWITCHES

SENSORS

# SERIES 1670 - SINGLE AND DOUBLE-POLE PUSHBUTTON SWITCHES

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 single-pole		Lighting voltage in 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 in 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 terminal	
1672.5101				●				6.3	≥ 3	Ag		
<b>Changeover switch (SPDT)</b>												
1673.5501				●				4.8	< 3	Ag		
 double-pole		Lighting voltage in 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 in 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		

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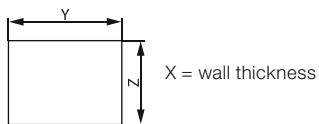
# SERIES 1670 - SINGLE AND DOUBLE-POLE PUSHBUTTON SWITCHES

TO 16 (4) A 250 V AC

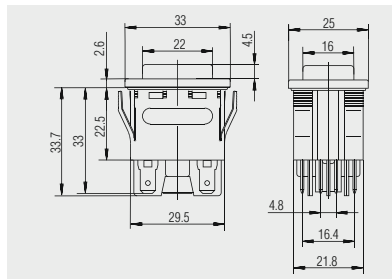
 Lamp	Lighting voltage in V	Actuator color / printing	Housing color	16 (4) A 250 V AC 1E4	12 (4) A 250 V AC 1E4	Terminal type	Terminal description	Contact distance in mm	Contact material	Miscellaneous	Stock version
<b>Lamp</b>											
<b>1677.5306</b>	230						6.3				
<b>1677.5308</b>	115 - 230			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




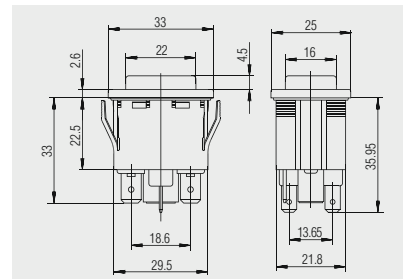
Basic types 1672, 1673 and 1675 single-pole illuminated / non-illuminated




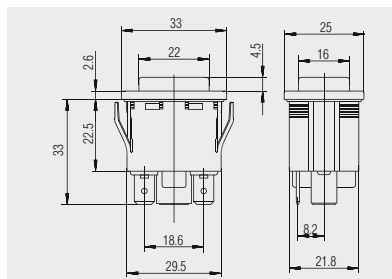
X	Y	Z
0.8 ... 5.0	30.0 +0.15	22.2 +0.15
0.8 ... 5.0	30.0 +0.15	22.2 +0.15




 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

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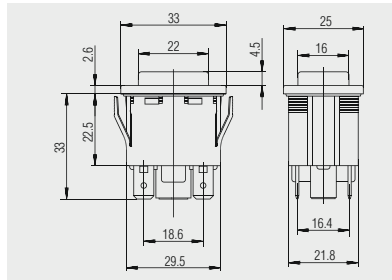
SNAP-ACTION SWITCHES

MICRO-SIGNAL SWITCHES

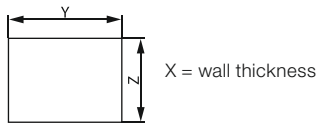
SENSORS



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



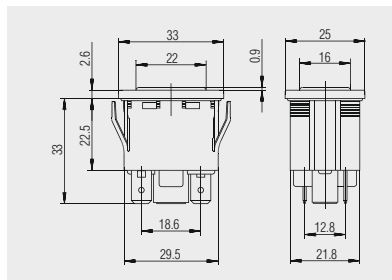
Quick-connect terminal 6.3 x 0.8



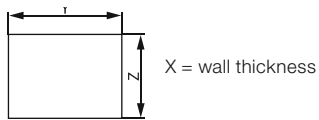
X	Y	Z
0.8 ... 5.0	30.0 +0.15	22.2 +0.15



Basic type 1677  
lamp



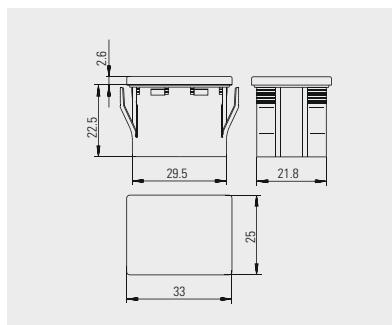
Quick-connect terminal 6.3 x 0.8



X	Y	Z
0.8 ... 5.0	30 +0.15	22.2 +0.15



Dummy piece  
203.020.013



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

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