

Datasheet for built-in switch with low voltage release 61TP

Usage:	Multifaceted use in devices from domestic and industrial sectors				
	Switching of motors and heating circuits				
Certificates:	TÜV according to EN 61058-1				
Characteristics:	Positively driven contacts				
	Flat connection 6,3 x 0,8 mm				
	Coil connection (A1) flat connectors 2,8 x 0,8 mm (depending on type)				
	Operating mechanism with rocker or push buttons				
Housing material:	Black: PA66 GF25				
Operating mechanism:	Mechanical ON/OFF, mechanical ON/ electrical OFF				
Technical data:					
Rated frequency:	50/60 Hz				
Rated insulation voltage Ui:	250 V				
Degree of pollution:	2				
Utilization category:	AC1	AC3			
Rated operational voltage Ue:	250 V 1~	250 V 1~			
Rate operational current Ie:	18 A	16 A			
Electrical durability:	50.000 Switching cycles				
Switching cycles:	600 cycles/hour				
Protection class:	Up to IP55 (depending on type)				
Mounting:	Snap in version				
	2 Drilling holes Ø 4,2mm – 41,4 ^{+/-0,3} mm				
	2 Drilling holes Ø 4,2mm – 62 ^{+/-0,3} mm				
Panel cut-out / material thickness 1-1,5mm	46 ^{+0,1} mm x 22 ^{+0,1} mm				
Panel cut-out / material thickness 1,5-2mm	46,4 ^{+0,1} mm x 22 ^{+0,1} mm				
Allowed ambient temperature:	0 °C to 55 °C				
Coil versions:	Voltage / Frequency				
	230V / 50-60Hz				
Weight:	depending on type	Approx. 71-90 gr.			
Dimensions:					

Push-button, 42mm		
Push-button, 62mm		
Rocker, „snap-in“		
Push-button, „snap-in“		
Wiring diagram	With “A1” contact	Without “A1” contact