

# SMT

## Operation switch



The SMT series of switches adjust manually the speed of three-stage electrical motors (fans). There are three product versions with a different number of outputs. The supply voltage is directed to one of the outputs, according to the switch position. The maximum load is 10 A resistive and 3 A inductive. Several loads can be connected as long as the indicated maximum current is not exceeded. The switch is suitable for inset mounting (IP44) as well as for surface mounting (IP54).

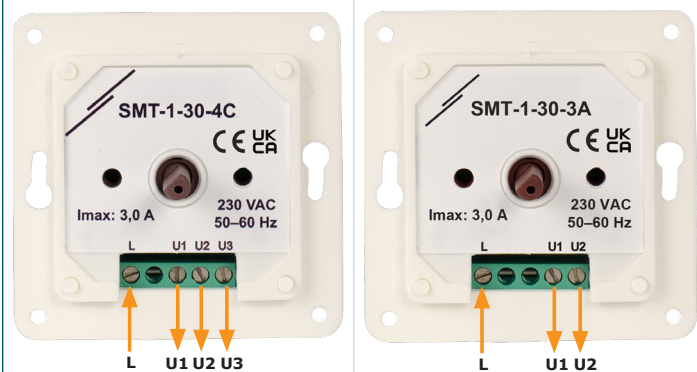
### Key features

- Rotary knob for manual speed selection of multi-stage electric motors
- Inset or surface mounting

### Technical specifications

Supply (Us)	≤ 230 VAC / 50–60 Hz	
Outputs	Us	
Load	max. 10 A (resistive) / 3 A (inductive)	
Ambient conditions	Temperature	0–50 °C
	Rel. humidity	< 95 % rH (non-condensing)
Protection standard	IP44/ IP54 (according to EN 60529)	

### Wiring and connections



<b>L</b>	Supply voltage (max. 230 VAC / 50–60 Hz)
<b>U1</b>	Output to the motor (max. 230 VAC / 50–60 Hz / 10 A (3 A))
<b>U2</b>	Output to the motor (max. 230 VAC / 50–60 Hz / 10 A (3 A))
<b>U3</b>	Output to the motor (max. 230 VAC / 50–60 Hz / 10 A (3 A))
<b>Connections</b>	Cable cross section: max. 2,5 mm <sup>2</sup>

### Standards

- Low Voltage Directive 2014/35/EC
- RoHS Directive 2011/65/EC



### Area of use

- Speed adjustment of multi-stage electric motors (fans)
- Suitable for use in tough working environment (such as kitchens, bathrooms etc.)

### Article codes

Article code	Output	Positions	ON/OFF position
<b>SMT-1-30-3A</b>	230 VAC / 50–60 Hz	0, 1, 2	yes
<b>SMT-1-30-3B</b>		1, 2, 3	no
<b>SMT-1-30-4C</b>		0, 1, 2, 3	yes

### Switch & connection schemes

Switch diagram SMT-1-30-3A				Motor connections		
Knob position	0	1	2	L	U1	U2
L	0			Supply	Motor	
		X				
			X			

Switch diagram SMT-1-30-3B				Motor connections			
Knob position	1	2	3	L	U1	U2	U3
L	X			Supply	Motor		
		X					
			X				

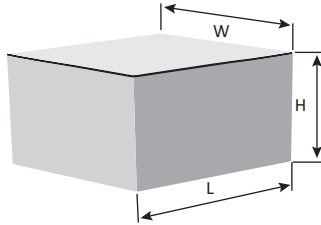
Switch diagram SMT-1-30-4C					Motor connections			
Knob position	0	1	2	3	L	U1	U2	U3
L		X			Supply	Motor		
			X					
				X				
								X



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## Packaging



Article	Packaging	Length [mm]	Width [mm]	Height [mm]	Net weight	Gross weight
SMT-1-30	Unit (1 pc.)	95	85	70	0,16 kg	0,18 kg
	Carton (10 pcs.)	492	182	84	1,6 kg	2,02 kg
	Box (60 pcs.)	590	380	280	9,6 kg	13 kg

## Global trade item numbers (GTIN)

Packaging	Unit	Carton	Box
<b>SMT-1-30-3A</b>	05401003018804	05401003302927	05401003504345
<b>SMT-1-30-3B</b>	05401003014660	05401003302002	05401003502921
<b>SMT-1-30-4C</b>	05401003014677	05401003302019	05401003502938

## Fixing and dimensions

