

SMT

Operation switch



The SMT switch adjusts manually the speed of three-stage electrical motors (fans). There are two product versions - with and without off position. The three positions (1, 2 and 3) provide 230 VAC / 50–60 Hz on each output. The max. 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

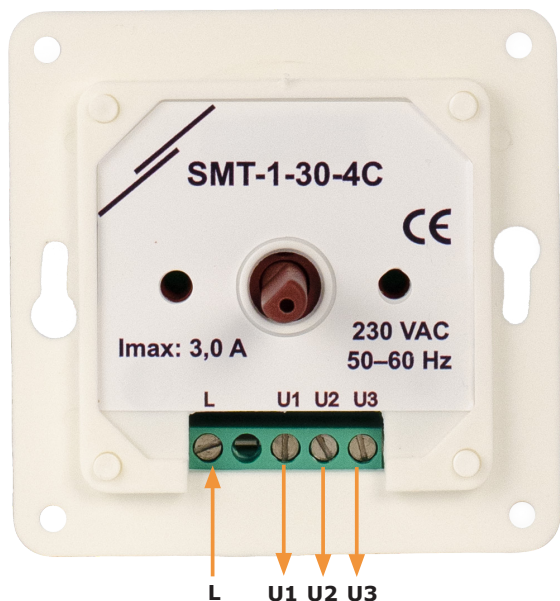
- Rotary knob for manual speed adjustment of multi-stage electric motors
- Inset or surface mounting

Technical specifications

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



Wiring and connections



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

Standards

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



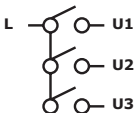
Article codes

	Output	ON/OFF position
SMT-1-30-3B	230 VAC / 50–60 Hz	-
SMT-1-30-4C	230 VAC / 50–60 Hz	yes

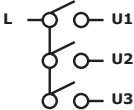
Area of use

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

Switch & connection schemes

Switch diagram SMT-1-30-3B			
Knob position	1	2	3
	X		
		X	
			X

Motor connections			
L	U1	U2	U3
Supply	Motor		

Switch diagram SMT-1-30-4C				
Knob position	0	1	2	3
		X		
			X	
				X

Motor connections			
L	U1	U2	U3
Supply	Motor		

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Operation switch



Fixing and dimensions

