

**10. Speed controllers for variable voltage 1~ motors**  
**10.1.-GB Manual electronic speed controller**

Type: **P-E-1 / 2.5 / 4**

**Application / Function**

Manual speed control of one or more voltage controllable 1~ fans.

The desired speed is adjusted steplessly by the rotary button with switch function.

For a safe fan start up the setting begins with maximum output voltage. This can be reduced down to the internally adjustment for "n-min".

Surface mounting (IP54) or flush mounting (IP44) without surface mounting case in a flush-type box. Type P-E-4 is only for surface mounting suitable.

Operational status indicator by inserted LED.

Separate output (not controlled 230 V) for accessory equipment e.g. flap, lamp.

Alternatively at this output (terminal ↓) the mains voltage for bypass the ON /

OFF contact can be connected. Temperature monitoring, controller fuse

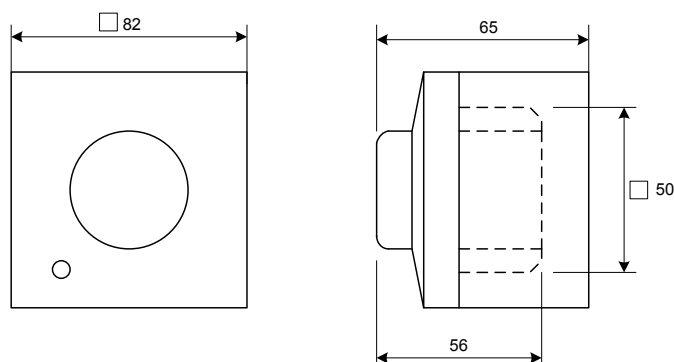
(5x20mm), spare fuse included.



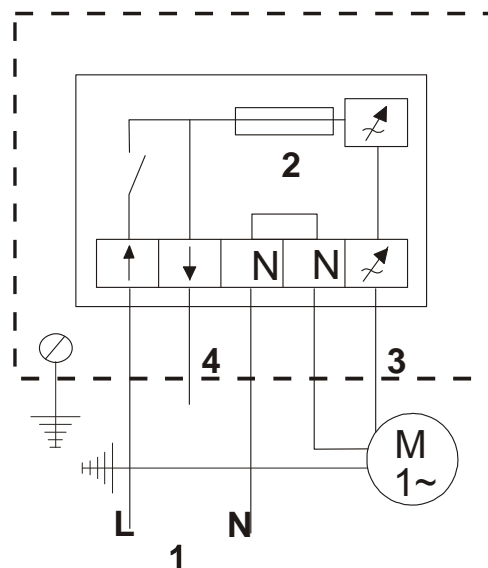
**Technical data**

Type	P-E-1	P-E-2.5	P-E-4	<ul style="list-style-type: none"> <li>- Line voltage 1~ 230 V (-10 % / +10 %), 50/60 Hz</li> <li>- Separate output (not controlled 230 V) max. 1A</li> <li>- Max. permissible ambient temperature 0 - 35° C</li> <li>- Interference emission in accordance with EN 61000-6-3</li> <li>- Interference immunity in accordance with EN 61000-6-2</li> <li>- Harmonics current in accordance with EN 61000-3-2</li> <li>- Plastic enclosure ASA, color similar RAL9010</li> <li>- Housing protection for surface mounting IP54</li> <li>- for flush-mounting of P-E-1 and P-E-2.5 IP44</li> </ul>
Part.No.	303586	303587	303588	
Rated current	1 A	2,5 A	4 A	
Min. motor current	0.1 A	0.2 A	0.4 A	
Internal fuse	F 1.25A-H	F 3.15A-H	F 5.00A-H	
Weight	240 g	300 g	360 g	

**Dimension sheet [mm]**



**Connection diagram**



- 1: Mains connection 1~ 230 V, 50/60 Hz  
 2: Internal fuse  
 3: Controlled output for motor  
 4: Not controlled output 230V, or for bypass the ON / OFF switch