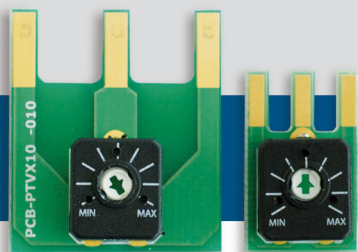


# PTV

## Speed select trimmer, EC fans



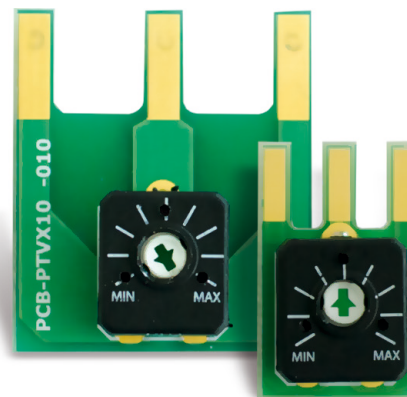
PTV trimmer potentiometers provide a 0–Us VDC control signal to manually control the rotational speed of voltage controllable single phase motors (230 VAC / 50–60 Hz). There are two product versions: PTV-X05.5 for mounting to a standard terminal block (pitch 5 mm) and PTV-X10.0 for mounting to a standard terminal block (pitch 10 mm).

### Key features

- Direct 0–10 VDC control by trimmer potentiometer
- Easy mounting to a standard terminal block
- Low costs
- Regulation from 0–Us (DC supply voltage)
- Supply voltage up to 30 VDC

### Technical specifications

Supply voltage	0–30 VDC	
Regulated output	0–Us VDC	
Standard trimmer	10 kΩ	
Trimmer mechanical life expectancy	10.000 rotation cycles	
Maximum load current	50 mA	
Ambient conditions	Temperature	-10–50 °C
	Rel. humidity	< 95 % rH (non-condensing)
Storage temperature	-25–70 °C	

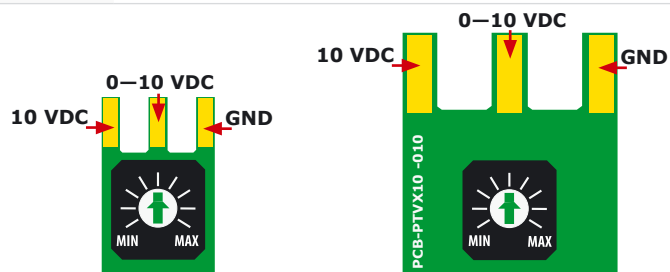


### Article codes

	Input terminal block
PTV-X05.0	pitch 5 mm
PTV-X10.0	pitch 10 mm

### Wiring and connections

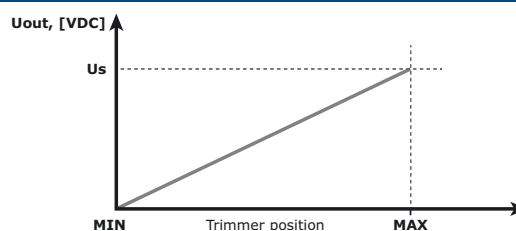
10 VDC	Supply voltage 10 VAC (standard DC voltages up to Us = 30 VDC)
0–10 VDC	Regulated output voltage (0–Us)
GND	Ground



### Area of use

- Manual control of the motor / fan speed in HVAC applications
- For indoor use only

### Operational diagram



### Standards

- Low Voltage Directive 2014/35/EC
- EMC Directive 2014/30/EC: EN 61326
- WEEE Directive 2012/19/EU
- RoHS Directive 2011/65/EU



### Packaging



Article	Packaging	Height [mm]	Width [mm]	Net weight	Gross weight
PTV-X05.0	Bag (10 pcs.)	120	80	0,020 kg	0,021 kg
PTV-X10.0	Bag (10 pcs.)	120	80	0,030 kg	0,031 kg

### Fixing and dimensions

