

Transformer 5-step fan speed control unit for explosion proof fans ~3 400 V, 50Hz



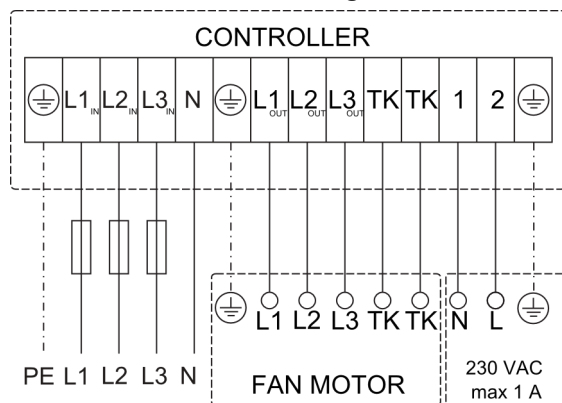
- Mains supply ~3 400 V, 50 Hz
- Output: 130 V / 170 V / 220 V / 270 V / 400 V
- Integrated status signal lamp
- Motor protection function through connection of PTC thermistor
- Additional voltage output 230 V, max. 1 A
- Max. ambient temperature +40° C

A three-phase transformer which controls the explosion proof fan's speed by changing voltage. The control knob on the front of the unit with 5 fixed voltage steps is used to adjust fan speed. There is motor and transformer thermo protection function with power supply fault protection. Controller also has power indication LED. It has 230 VAC output for connecting servo motors, actuators, heaters relays and etc. More than one motor can be connected to one controller, if total current of all controllers is less than maximum controller current. In this case all motors' thermo protections must be connected in series.

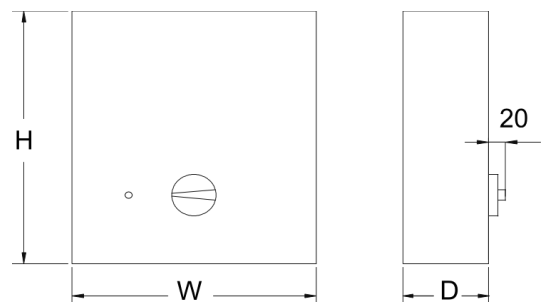
This fan speed controller can not be operated in hazardous area.

Art.-no.	Type name	Max. current, A	Dimensions (H×W×D/mm)	Protection class	Weight, kg
PV-3001	Tr.5 step controller RT 1Ex	1,0	335×245×133	IP44	6,5
PV-3002	Tr.5 step controller RT 3Ex	3,0	335×245×133	IP44	11
PV-3003	Tr.5 step controller RT 4Ex	4,0	335×245×133	IP44	14,6
PV-3004	Tr.5 step controller RT 5Ex	5,0	300×290×160	IP44	20
PV-3005	Tr.5 step controller RT 7Ex	7,0	365×320×190	IP44	24,7
PV-3006	Tr.5 step controller RT 11Ex	11,0	365×320×190	IP44	34,1
PV-3007	Tr.5 step controller RT 14Ex	14,0	365×320×190	IP44	37,2

Connection diagram



Dimensions



The company reserves the right to make changes to technical data without prior notice