



## SFPR4

3\*400 V transformer control, flow detection

The SFPR4 transformer speed controllers are based on the principle of voltage control with autotransformers. They are applicable to voltage-controllable motors (400 VAC, 50/60 Hz), to control the rotational speed (of fans, pumps, etc.) in five steps. They are fitted out with TK contacts for thermal motor protection.

The SFPR4 has an extra sensing input for a flow detector (or pressure sensor) that will control the gas valve output. The gas valve output will only be powered if the sensing input is closed within 60 seconds after switching on. The controller has also an input for remote control: thermostat or external switch.

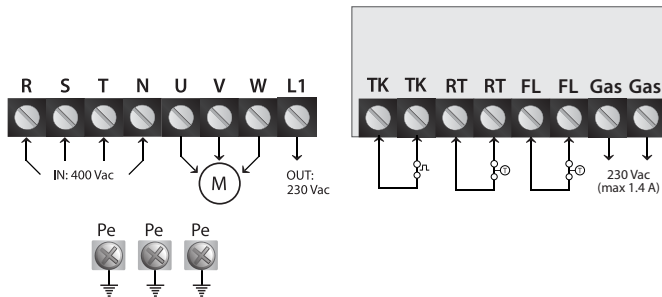
When choosing a controller it is important to know the maximum current intensity consumption on the taps. The indicated maximum current can be taken from each tap.

### FEATURES

- ③ 400 VAC - 50/60 Hz
- ③ Enclosure: sheet steel (RAL 7035, polyester powder coating), IP54
- ③ Switch: 5 positions with off-position
- ③ Several voltage ranges possible
- ③ Indicator light + on/fault
- ③ 230 VAC unregulated output (not controlled by sensing input)
- ③ Motor protection, by connecting thermal (overheating) contacts of the motor
- ③ Run/stop contacts (normally closed)
- ③ Ready mounted cable glands
- ③ Sensing input for a flow detector (or pressure sensor)
- ③ Output for gas valve
- ③ Maximal ambient temperature: 35 °C

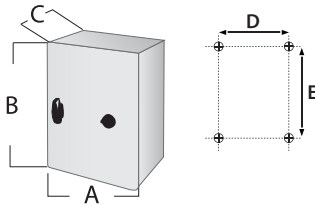
	I <sub>max</sub>
SFPR4-15L40	1.5 A
SFPR4-25L40	2.5 A
SFPR4-40L40	4.0 A
SFPR4-60L40	6.0 A
SFPR4-80L40	8.0 A

### WIRING DIAGRAM



R S T	main supply 400 VAC– 50/60 Hz
N	neutral
U V W	regulated output to motor
L1	unregulated output 230 VAC (2 A)
TK	input thermal contacts of the motor
RT	input for room thermostat
FL	flow contact
Gas	output for gas valve
Pe	earth connections

### DIMENSIONS & FIXING



	A	B	C	D	E	weight
SFPR4-15L40	300	325	175	255	255	12.3 kg
SFPR4-25L40	300	325	175	255	255	13.4 kg
SFPR4-40L40	300	425	175	255	355	18.6 kg
SFPR4-60L40	300	425	235	255	355	24.7 kg
SFPR4-80L40	300	425	235	255	355	27.9 kg