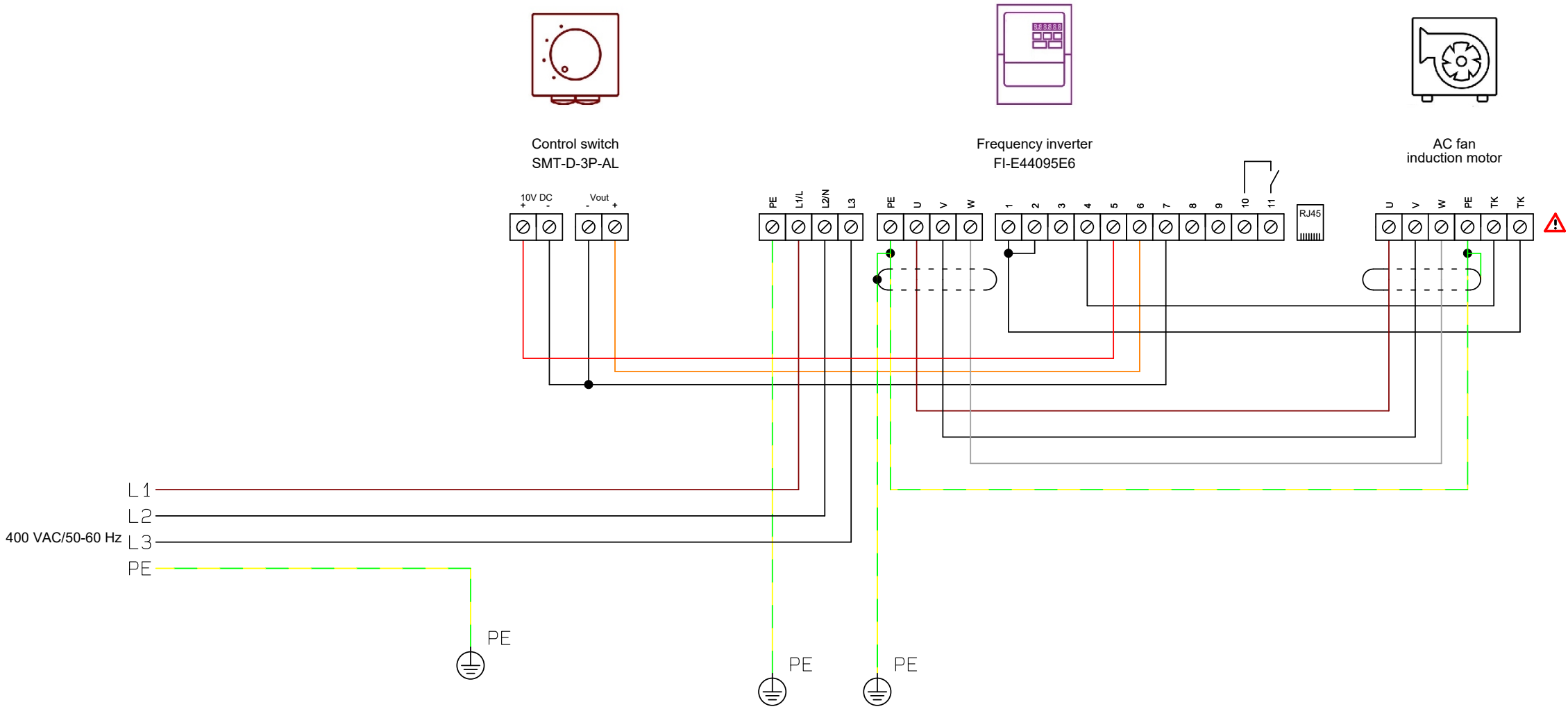




Solution details

The fan speed can be manually adjusted in steps via the control switch SMT-D-3P-AL
TK or PTC monitoring for thermal motor protection.
If the motor features PTC, adjust parameter 47 in the frequency inverter towards 'Ptc-th'

Suited for motor type: 400 VAC three phase induction motors with TK or PTC thermal motor protection
Motor control: Manual fan control
Minimum motor speed: Make sure that the minimum voltage remains high enough to avoid stalling of the motor.
Maximum motor current: 9,5 A

Set frequency inverter parameters:
P02=5 P12=0
P15=3 P48=1
P30=Auto-0

 Consult the fan manufacturer for the correct wiring

Sentera products

Article code	Description
FI-E44095E6 SMT-D-3P-AL	Frequency inverter Control switch

External products

AC fan with an induction motor I_{max} 9,5 A