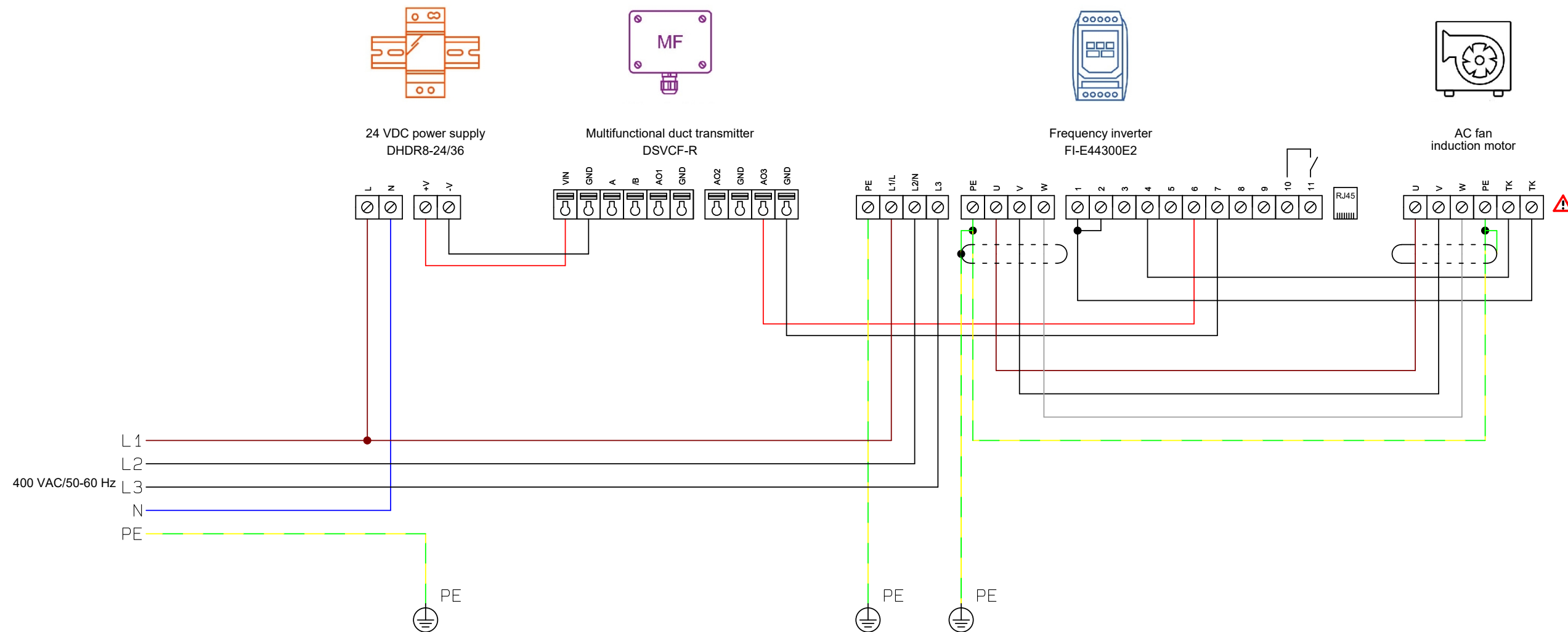




Solution details		Sentera products	
The fan speed will be controlled based on the duct air quality level. The air quality setpoint can be adjusted via frequency inverter keypad. Parameter (P45 PI digital setpoint). TK or PTC monitoring for thermal motor protection. If the motor features PTC, adjust parameter 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: Demand controlled ventilation in function of the indoor air quality Minimum motor speed: Make sure that the minimum voltage remains high enough to avoid stalling of the motor. Maximum motor current: 30 A Set frequency inverter parameters: P02=10 P12=5 P15=14 P43=1 P30=Auto-0  Consult the fan manufacturer for the correct wiring		Article code	Description
		DHDR8-24/36 FI-E44300E2 DSVCF-R	24 VDC power supply Frequency inverter Multifunctional duct transmitter
		External products	
		AC fan with an induction motor I _{max} 30 A	