SENTERA
CONTROLS

Modbus RTU repeater and power supply 24 VDC
DPOM8-24/20

Differential pressure, air flow controller
HPSPF-2K0-2

Electronic fan speed controller
MVS-1100CDM

Voltage controllable
AC fan

230 VAC/50-60 Hz

L
N
PE

PE

PE

PE

RJ45

1	8 mm	24 VDC
3	8 mm	A
4	8 mm	/B
7	8 mm	GND

Solution details

The AC fan will be controlled based on the pressure level.
The pressure setpoint and other parameters of the HPSPF pressure controller can be modified via
Modbus RTU communication.

Suited for motor type: 230 VAC voltage controllable motors
Motor control: Electronic fan speed controller
Minimum motor speed: Make sure that the minimum voltage remains high enough to avoid stalling of the motor.
Maximum motor current: 10 A

⚠ Consult the fan manufacturer for the correct wiring

Sentera products

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External products

AC fan with a voltage controllable motor Imax 10 A