

CPS-M1-MSE



Control system for smoke and heat exhaust ventilation and automatic natural ventilation, which is suitable for mechanical smoke and heat exhaust systems (MSE).

Performance features

- + Variable modular technology for complex position requirements
- + Flexible system design thanks to the supporting rail assembly for all modules and additions
- + Supply connection and communication using integrated plug connectors
- + Components can be retrofitted in case of building modifications
- + Configurable MSE and ventilation functions via D+H SCS software
- + Inputs and outputs monitored for line breakage and short circuit
- + VdS-approved AdComNet bus system for seamless networking of the modules within the CPS-M and other D+H AdComNet components
- + Can be connected to other bus interfaces (Modbus, KNX and BACnet)
- + Flexible use of configurable, digital inputs and outputs
- + 24 V DC:
 - 2x max. 10 A drive current per actuator module
 - Stabilised output voltage thanks to power pack technology
 - No signal loss in case of mains outage thanks to integrated emergency power supply (72 h)
- + 230 V AC:
 - VdS-approved emergency power supply (72 h)
 - Option to connect up to 45 drives (230 V AC) per drive group (1840 VA)
- + 400 V AC:
 - Selection of fan actuation by inverter, soft starter or directly
 - Supply via main switch and with automatic switching to mains supply if necessary

Technical data

CPS-M1-MSE

Supply	400 V AC / 50 Hz
Output	24 V DC / 230 V AC / 400 V AC
Ripple	< 50 mVss at 24 V DC
Mode of operation monitoring	Pulse operation
Type of protection	IP 54
Temperature range	-5 °C ... +40 °C
Housing	Steel sheet
Remark	Variable equipment possible
Art. No.	31.700.02

Batteries must be ordered separately.

Example of application

