

- 1 D+H Mechatronic (english)**
- 1.1 CPS-M Series**
- 1.1.1 SHEV control panel - modular - CPS-M1 - freely configurable**

#### **24 V DC / Special production according to customer requirements**

##### **Performance features:**

The SHEV control panel is tested and certified according to ISO 21927-9, VdS 2581, VdS 2593, VdS 2344, DIN EN 12101-10 and EN 62368-1:2014 + A11:2017 and also fulfils the building authority requirements in accordance with DIN 18232-9;

Variable modular technology for complex position requirements;

Flexible system design with any combination of functional modules;

Installation on 35 mm supporting rail system;

Expandable with up to 30 CPS-M function modules incl. CM module;

Possible function module:

- Controller module - CM-BT1-D4-P2
- Supply module - PSM-1-24-40
- Actuator module 24 V DC - AM-1-2-10-24-D6-D2
- Actuator module 230 V AC - AM-1-1-08-230-D4-D2
- Trigger module - TMA-1-D4-D12
- Bistable relay module - BRM-1-COC-0006
- Input output module digital - IOM-D1-1212
- Input output module analogue & digital- ADM-AD1-1212-4

Possible bus communication:

- KNX and Modbus via the D+H KNX Modbus RTU Gateway and ACN-GW501-MRTU AdComNet Modbus gateway

Can be expanded via the AdComNet interface with further CM modules and AdComNet enabled devices from D+H;

Addition of the drive current in 20 A steps;

Max. 10 A drive current per 24 V DC group;

Connection of up to 10 SHEV operation panels or 30 fire detectors per line (Only detectors permitted by D+H may be used);

Integrated comfort functions for daily ventilation:

- Storage/key operation;
- OPEN running time limit
- Ventilation time limitation

Integrated protection functions:

- Weather signal = CLOSED control
- Mains outage = CLOSED control

Components can be retrofitted in case of building modifications;

Switchable SHEV safety functions:

- Fault equal to alarm
- SHEV retriggering function and smoke detector remote reset
- Alarm = CLOSED control

##### **Technical data:**

Supply: 230 V AC / 50 Hz

Output: 24 V DC

Ripple: < 50 mVss

Mode of operation

-Monitoring: Pulse operation

-Alarm / Ventilation: Short-time duty (30 % duty cycle)  
Type of protection: IP 54  
Temperature range: -5 °C till +40 °C  
Housing: Steel sheet  
Colour: Light grey (~ RAL 7035)

**Scope of supply:**

Control panel in lockable surface-type housing, touch panel, without batteries (batteries must be ordered separately)

Brand: D+H Mechatronic AG  
Type: CPS-M1-S

***The D+H partner on site is at your disposal for design variants.***

[Planning Support](#)

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**Quantity:** ..... Stk    **Preis:** ..... €    **TP:** ..... €