

- 1 D+H Mechatronic (english)**
- 1.1 CPS-M1-FR Series - ONLY FOR FRANCE**
- 1.1.1 SHEV control panel - modular - CPS-M1-FR-020-0204-WD**

**24 V DC / 20 A / 2 RM/RT-lines / 4 motor groups, without touch panel****Performance features:**

The SHEV control panel is tested and certified according to NF S61-938 and tested and developed according to EN 12101-10 and ISO 21927-9;;

Functions and dependencies can be individually parameterised via the D+H software SCS. The motor connections are electronically protected. The integrated supply module uses an external temperature sensor and prolongs the service life of the batteries through temperature-controlled battery charging. Each supply module can also be connected to emergency and non-emergency peripherals of up to 500 mA. Up to 4 SHEV operation panels can be connected per trigger module as standard. Control, alarm and fault can be displayed via 12 digital outputs of the trigger module. In addition, information about the status of the control panel is displayed on the outside of the door. Optionally, ACB drives and pole reversing drives can be connected to one actuator module in two groups of 10 amps each. Each actuator module has 6 freely programmable digital inputs for connecting ventilation buttons or processing OPEN and CLOSE messages. Digital outputs (2) of the actuator module can be freely programmed. Internal wiring of the modules and system extensions is not necessary due to the integrated plug connection. Batteries ensure an emergency power supply of the SHEV control panel for 72 hours.

**Installed modules:**

- 1x controller module
- 1x power supply module
- 2x actuator module with advanced line monitoring
- 1x trigger module with one CMSI

**Technical data:**

Supply: 230 V AC / 50 Hz / 530 VA

Output: 24 V DC / 20 A

Ripple: < 50 mVss

Mode of operation

-Monitoring: Pulse operation

-Alarm / Ventilation: Short-time duty (30 % duty cycle)

Type of protection: IP 32D

Temperature range: -5 °C till +40 °C

Housing: Steel sheet (500 x 500 x 210 mm)

Colour: Light grey (~ RAL 7035)

**Scope of supply:**

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

Brand: D+H Mechatronic AG

Type: CPS-M1-FR-020-0204-WD

[Planning Support](#)

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