

Datasheet

The SKD50 set is a compact solution for access control systems. The door controller, power supply and backup battery are integrated in one metal enclosure. All connection terminals are easily accessible.

The set is delivered assembled, which reduces system installation time. Just connect door readers, sensors and an electric lock. The efficiency of the power supply allows to control typical electric strike or magnetic locks. After connecting the mains power, device starts immediately.

SKD50 is the hardware basis of the SKALFI.NET system for access control and time & attendance tasks.

Controller

- support up to 4 readers with Wiegand interface
- support up to 8 readers with OSDPv2 interface
- system data bus: on-board Ethernet
- state signalization: 4 x LED
- outputs: 16 relays
- inputs: 16 (non-isolated)
- power supply voltage: 12 VDC
- integrated buffered power supply with (external) backup battery charging
- current consumption: 250mA (w/o readers)

Power Supply

- input voltage: 230 VAC
- output voltage: 12 VDC \pm 12%
- output current: max 6A (up to 72W)
- overcurrent and short-circuit protection

Enclosure

- battery SLA 12V 17 Ah (included)
- tamper (NC)
- external signalization with 2 LED
- metal housing, key-locked
- cable opening in the rear
- dominant colour: white RAL 9016
- operating temperature: +5 ...+60 °C
- dimensions: 440×310×100 mm (enclosure)
- weight: 10 kg (with battery)

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