

## DOOR CONTROL UNIT (400 V) FOR OPERATION WITH ENCODER



- Easy installation due to self learning automatic configuration and pre-settings for standard door systems
- Highest flexibility by various possibilities for parameter adjustment
- Electronical limit switches

Optional: In-/output extension for locks or traffic light-/oncoming traffic control; plaintext display.

In addition to controlling the motor that drives the door, the control can be used for the following tasks:

- Positioning the door at and between its final positions (open, close and intermediate positions)
- Security sensors on the door (e.g. safety edge monitoring)
- Additional safety equipment on the door (e.g. photo eyes or radar)
- Door control systems (eg chain, radio receivers, radar, radio controlled buttons)
- Emergency stop controls
- Electronically protected 24V low-voltage power supply for sensors and control devices
- 230 V power supply to external units
- Control of application-specific outputs (such as PLC output for door position status)
- Output of diagnostic messages

### Functional features

- Dimensions (W x H x D) 180 x 320 x 110 mm
- Housing Plastic Protection class IP 54
- Power supply 260-400 VAC +/- 10%
- Motor: 3 ~ asynchronous motors up to 2.2 kW at 400 V
- Low voltage power supply 24 VDC / 500 mA, short circuit proof
- Temperature range from -10 °C to 50 °C
- Compliance with the latest standards (TÜV, CE)
- Integrated evaluation electronic for different safety edges (electric, pneumatic, optic-dynamic)
- Slots for additional modules
- I/O extension boards for barriers or doors
- 2-channel induction loop detector
- Incl. CEE-plug as main switch
- Pluggable terminals for motor, positioning system, safety edge and most relevant control functions
- Up to 17 digital inputs (25 with RWU) and 2 relay outputs
- Software update via serial interface

### Standard conformity

Doors EN 12453 / EN 12978  
 Voltage EN 60335 / EN 60335-1  
 EMC EN 50081 / EN 50082  
 TÜV Certification