

WU

Door control panel with two-way contactor



Features

- Easy installation through self learning automatic configuration and pre-settings for standard door systems.
- Highest flexibility by various parameter adjustment possibilities to handle without any additional module.
- Electronic or mechanic limit switches.
- Module slots for radio receiver and induction loops.
- Options:
 - Input/Output expansion board for locks or traffic lights.
 - Oncoming traffic control.
 - “Real text“ display.

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LEDs:

- Emergency Stop/24V (ext)
- Safety Edge
- Operation

4-characters 7-segment

- User interface
- Diagnoses, Status display
- Parameter setup
- Service- + Cycle counter
- Error memory

Positioning via:

- mechanical limit switches
- electronic limit switches
- (absolute / Incremental)

3x Emergency stop/Safety

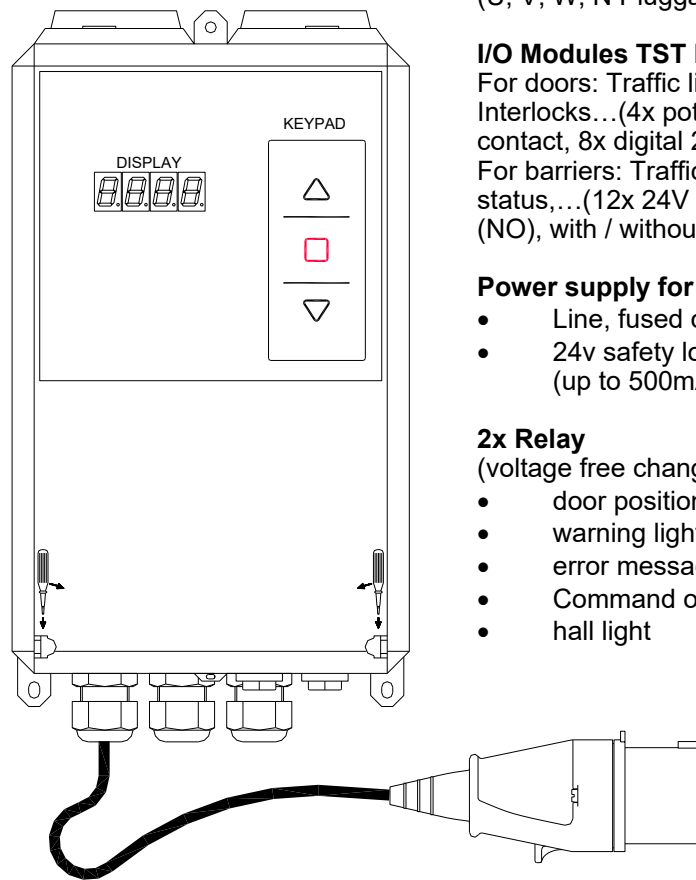
(Separate evaluation and diagnoses)

Integrated Safety edge controller

- Optic-dynamic strips
- Resistance control
- electrical edges
- pneumatic with testing

24 V-Inputs 1...10

- programmable, for example:
- ext. Open-, Stop-, Close-commands
- light beams
- additional safety equipment
- Toggle commands
- cross traffic logic
- door lock
- Deadman/automatic operation
- mechanical limit switches



Foil Keypad

Open—stop—Close Commands
Diagnostic, status information
Parameter adjustment

Motors up to 2.2 kW at 400 V

(U, V, W, N Pluggable)

I/O Modules TST RWUx

For doors: Traffic light incl cross traffic Interlocks... (4x potential free changeover contact, 8x digital 24V inputs)
For barriers: Traffic light, fault, counter. Loop status,... (12x 24V relay output make contact (NO), with / without potential)

Power supply for external equipment

- Line, fused on board
- 24v safety low voltage (EN 60335) (up to 500mA load, short circuit proof)

2x Relay

(voltage free change over contacts)

- door position status
- warning light / traffic lights
- error message
- Command output, interlock
- hall light

Technical data

Housing: black plastic / transparent window
WxHxD: ca. 180 x 320 x 110 mm

Power supply / line:

controller (L1 N/L2):
115...240 VAC ±10% / 50-60 Hz
e.g. for typical line supplies:
• 3N~ 400 VAC ±10%
• 1~/3~ 200 VAC ±10% w/ or w/o N
• 1~/3~ 208 VAC ±10% w/ or w/o N
optional add-on kit: without N
• WUT-A: 260...400 +/-10%
• WUT-B: 440...480 VAC ±10%

Motor:

3~ asynchronous motors
up to 2.2 kW at 400 V
Safety: as built

Control voltage / low voltage supply:

24 VDC, safe
24 VDC / 500 mA, short-circuit-proof

Temperature:

-10°C to +50°C ambient

Protection: IP54 (IP65)

Standards: Doors: EN 12453 / EN 12978
Voltage: EN 60335 (VDE 0700)
EMC: EN 50081 / EN 50082
TÜV approved

Additional functionality

- Conformity to the newest standards (TÜV, CE ± EN, IEC)
- Modern switch net part-technology with 24 V safe low voltage (PELV ± EN 60335)
- Integrated evaluation electronic for different safety edge systems: electric, pneumatic, optic-dynamic
- Slots for various additional modules
- I/O- extension module for barriers or doors
- Two-channel induction loop detector TST SUVEK
- Alternative: 2nd safety edge TST SUKS/SDWS
- One-/two-channel radio TST SFFE
- Pluggable terminals for motor, positioning system, safety strip and most relevant control functions
- Patented cable gland for pre wired cables
- Up to 17 (25 with RWU) digital inputs and 2 (6 with RWU / 14 with RWU) relay outputs are factory adjusted for standard application – various special functions can be adjusted by parameter:
function, operation mode, contact, warning and hold open-time, direction, diagnostic text for alphanumeric display,
- Software update via serial interface (e.g. PC)

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