

RELCON

TST WUI-A Barrier control unit with reversing contactors



FEATURES

- Intelligent unit for safety on the barrier, positioning and functionality
- Highest flexibility by various possibilities for parameter adjustment – to handle without any additional module!
- Electronical or mechanical limit switches
- Module slots for radio receiver and induction loop detectors
- From the outside visible diagnostic display for direct support by phone or on site
- Optional:
 - In-/Output extensions for locks or traffic lights - / oncoming traffic control
 - Clear text display





TECHNICAL DATA

Order description	TST WUI-A
Dimensions (W x H x D)	180 x 320 x 110 mm
Housing	Plastic
Protection class	IP 54
Power supply	115-240 V _{AC} +/-10% / 50-60 Hz e.g. for typical line supplies: - 3N~ 400 V _{AC} +/-10% - 1~/3~ 200 V _{AC} +/-10% with/without N - 1~/3~ 208 V _{AC} +/-10% with/without N Optional add-on kit: without N - WUT-A: 260-400 V _{AC} +/-10% - WUT-B: 440-480 V _{AC} +/-10%
Motor	3~ asynchronous motors up to 2.2 kW at 400 V, Safety: as built
Control voltage/ Low voltage supply	24 V _{DC} , safe 24 V _{DC} / 500 mA, short-circuit-proof
Temperature range	-10°C up to 50°C

ADDITIONAL FUNCTIONALITY

- Conformity to latest standards (TÜV, CE)
- 24 V safety low voltage according to EN 60335-1
- Integrated evaluation electronic for different safety edges (electric, pneumatic, optic-dynamic)
- Slots for various additional modules
 - I/O extension boards for barriers or doors
 - 2-channel induction loop detector TST SUVEK
 - alternatively: second safety edge TST SUKS/SDWS
 - 1-/2-channel radio TST SFFE
- Pluggable terminals for motor, positioning system, safety edge and most relevant control functions
- Patented cable gland for pre-assembled cables
- Up to 17 digital inputs (25 with RWU) and 2 relay outputs (6 with RWU / 14 with RWUI) are factory adjusted for standard applications – various special functions can be adjusted by parameter:
Functionality, operation mode, contact, warning- and hold open time, direction, diagnostic texts for plaintext display,...
- Software update via serial interface

STANDARD CONFORMITY

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

APPROVAL

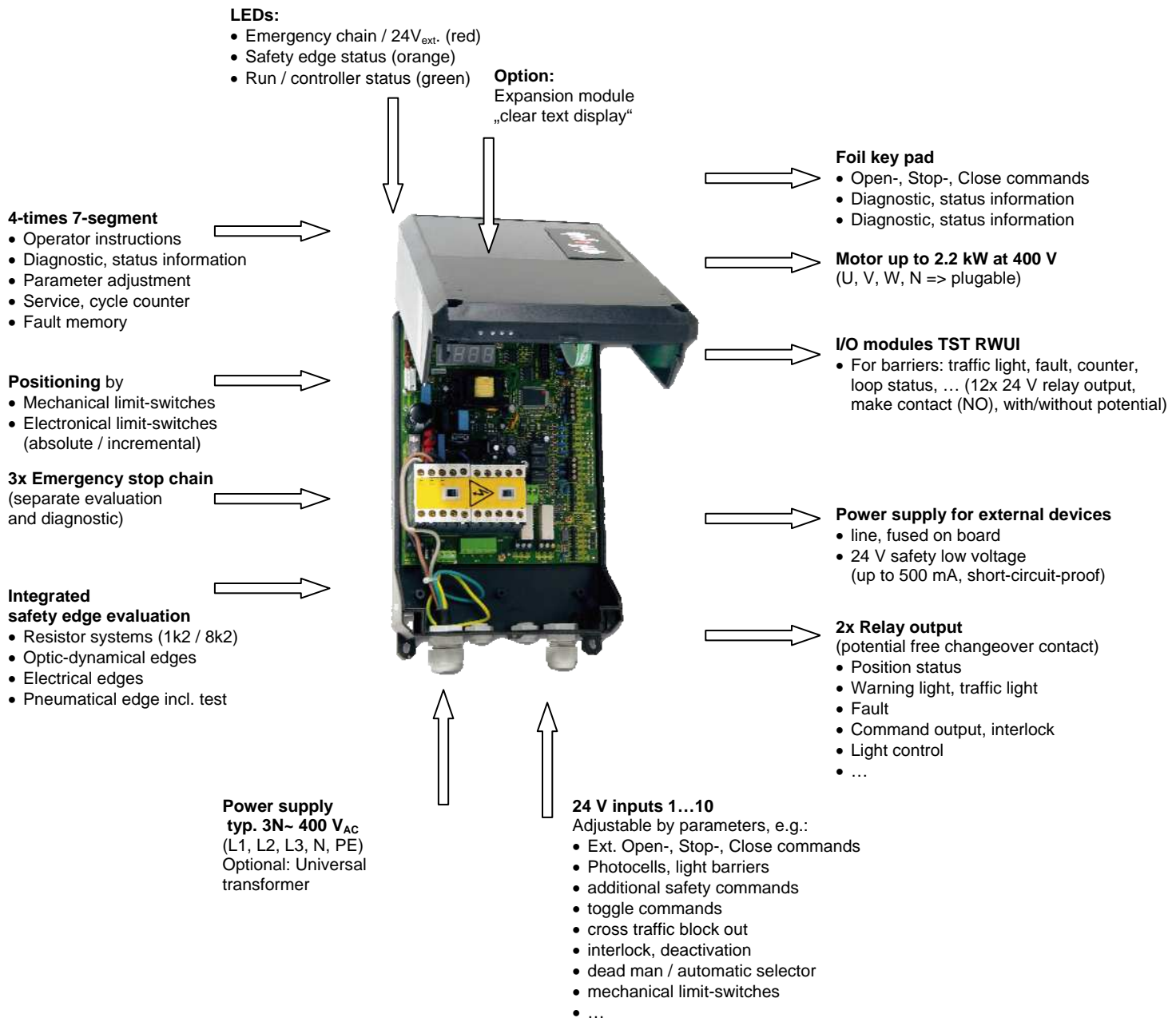
TÜV Baumusterprüfung

ACCESSORIES

TST WU-A plaintext display
 TST WU-A clamp safety edge (packaging unit 500 pieces)
 TST WU-A clamp electronical limit switch (pu 500 pieces)
 TST WU-A motor plug-in terminal
 TST WUT-A Special power transformer
 TST WUT-B Special power transformer
 TST RWUI-A Extension board for TST WUI

FEIG ELECTRONIC reserves the right to change specification without notice at any time.
 Stand of information: January 2012.

Assembly TST WUI:



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