

TRICON

TST FUS-1-B/-C/-CX

Door control unit with integrated frequency converter



FEATURES

- Smooth starting and braking offers maximum material protection and a long product life cycle
- Fast startup speeds processes and reduces waiting times
- Easy installation due to extensive pre-settings for standard door systems and self-learning automatic configuration
- From the outside, visible diagnostic display
- Model inspected safety conception
- Slots for additional modules
- Operation of three phase AC motors up to 1.5 kW



Intelligent Door Management

FEIG
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TECHNICAL DATA

Order descriptions	TST FUS-1-B (0.75 kW) TST FUS-1-C (0.75 kW) TST FUS-1-CX (1.5 kW)
Dimensions (W x H x D)	180 x 320 x 110 mm
Housing	Plastic, with heat-sink
Power supply	1~180-240 V _{AC} +/-10% / 50-60 Hz
Motor	3~ asynchronous motors up to 0.75 kW / 5 A resp. 1.5 kW / 8 A, - high overload resistance for doors - incl. 3~safety isolation relays
Operation frequencies	6-200 Hz (separate adjustable frequency ramps for all door operating modes)
Control voltage / Low voltage supply	24 V _{DC} , safe 24 V _{DC} +/-5% / 250 mA short-circuit-proof
Temperature range	-10°C up to 50°C

ADDITIONAL FUNCTIONALITY

- Voltage range 1~ 180 V_{AC}...240 V_{AC} +/-10%
- Conformity to latest standards (TÜV, CE)
- 24 V safety low voltage according to EN 60335-1
- ESD resistance up to 25 kV
- Integrated control electronic for several safety edges (Resistance / optical systems)
- Plug in sockets for additional modules
 - 1-/2-channel induction loop detector
 - 1-/2-channel radio (FM 433 MHz / 868 MHz)
 - LCD display with clear text display
- Mechanical or electronical limit switch operation
- Incl. CEE plug as main switch (Option: Emergency Stop push button)
- Plug in terminals for main control functions
- Up to 17 digital inputs and 2 relay outputs are factory adjusted for standard applications – various special functions can be adjusted by parameter:
Funktionalität, operation mode, contact, warning- and hold open time, direction, diagnostic texts for plaintext display,...
- Versions TST FUS-C/-CX with additional brake resistor (chopper) for discharge of generated voltage

STANDARD CONFORMITY

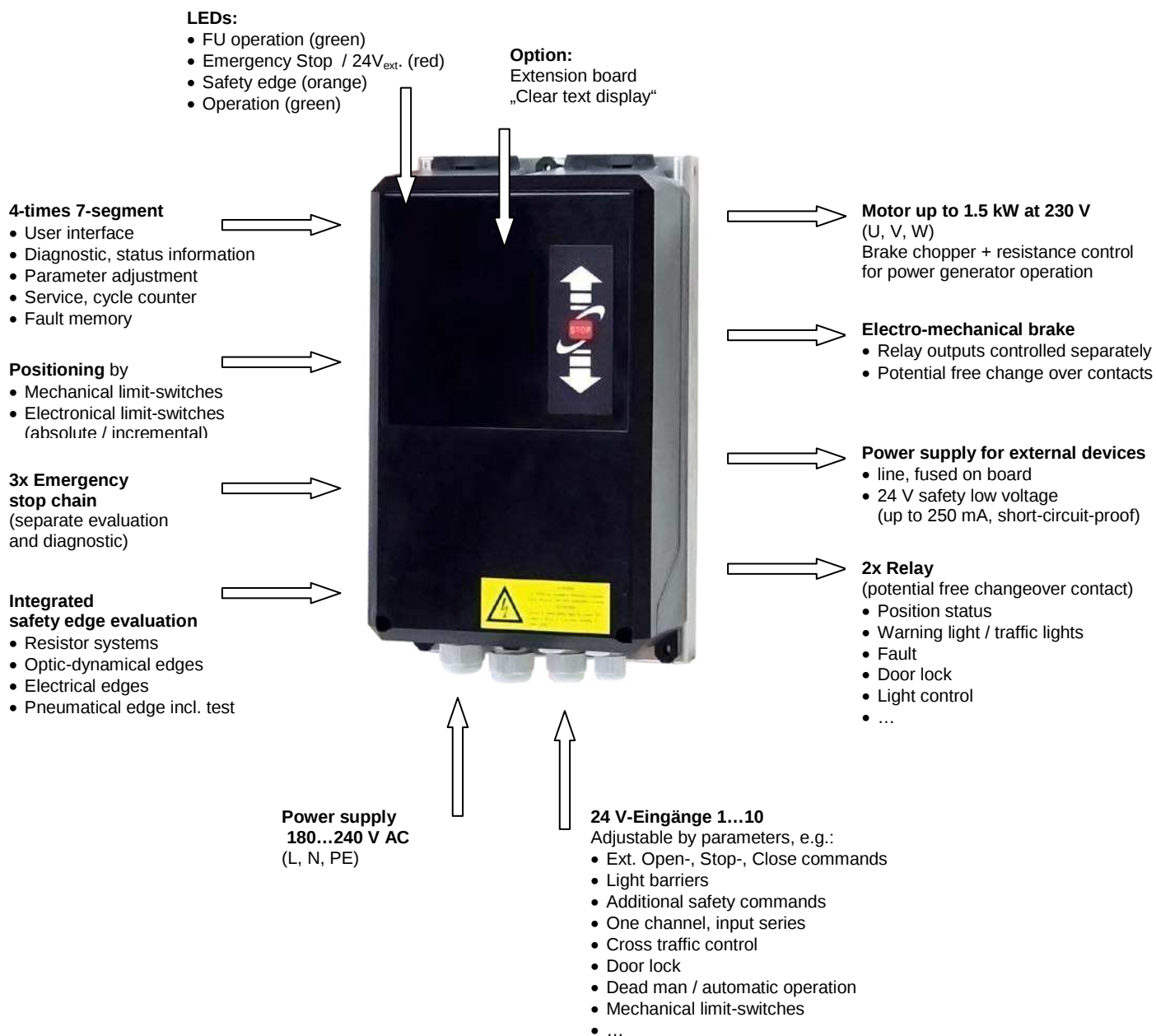
Doors	EN 12453 / EN 12978
Voltage	EN 60335 / EN 60335-1
EMC	EN 50081 / EN 50082

APPROVAL

TÜV Baumusterprüfung

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

Assembly TST FUS:



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