

TST EWA4-C

COMFORT DOOR CONTROL

Intelligent door control for industrial doors and barriers

With state-of-the-art electronics, the FEIG TST EWA offers the ideal comfort control system for all industrial doors and barriers. The diverse range of housings provides sufficient space for cabling and the installation of additional devices in a wide variety of applications. Flexible parameterisation, numerous expansion cards and the cross-control FEIG operating principle ensure quick and easy commissioning. All FEIG components meet the latest safety standards, which are regularly certified by external test centres.

KEY FEATURES

-  Type-tested safe electronic reversing control
-  Flexible door functionality thanks to comprehensive parameterisation system
-  Integration of the intelligent FEIG Advanced Door Bus
 - Simple networking with FEIG sensors
 - User-friendly configuration
-  Bluetooth interface to the FEIG TST Toolbox app
-  Standardised FEIG operating concept
 - Coloured pluggable terminals
 - Identical parameter system
 - Identical expansion cards
-  Connected load up to 2.2 kW
-  Fully integrated second switch-off path in accordance with DIN EN 12453



APPLICATIONS

-  Sectional doors
-  Industrial and commercial doors
-  Roller shutters
-  High-speed doors
-  Loading bays / access doors
-  Barrier systems



TECHNICAL DATA

Power supply	1N~ 110-240 V, 50-60 Hz 3N~ 200-415 V, 50-60 Hz
Control voltage / external supply	24 VDC regulated ($\pm 10\%$ at nominal voltage 230 V) Control variant: max. 500 mA incl. the optional plug-in modules, protected by self-resetting semiconductor fuse, short-circuit proof by central switching regulator
Drive output	up to 2.2 kW at 400 V Continuous motor current at 100% duty cycle and 40 °C ambient temperature: 5 A
Control input	24 VDC / typ. 15 mA, max. 26 VDC / 20 mA All inputs must be connected potential-free or < 5 V: inactive → logic 0 > 7 V: active → logic 1 min. Signal duration for input control commands: > 100 ms
Control output	Relay K1 and K2: Changeover contact potential-free min. 10 mA / max. 230 VAC / 3 A Transistor output OUT 15: 24 VDC / min. 10 mA / max. 120 mA
Temperature range (Operation)	-20 °C to +50 °C
Relative humidity	up to 95 % (non-condensing)
Noise emission	< 20 dB (A)
Weight	approx. 2.5 kg (in small plastic housing)
Protection class	I
Conformity to standards	EN ISO 13849-1; EN 60335-1; EN 60335-1-103; EN 61000-6-1; EN 61000-6-2; EN 61000-6-3; EN 61000-6-4

ADDITIONAL FEATURES

- 1 switchable 24 V test output
- 2 integrated safety edge inputs
- Integrated device fuse in accordance with IEC EN 60335
- 10 digital inputs
- 2 potential-free relay outputs
- For mechanical and digital limit switches
- Complies with DIN EN 12453
- Optional features via Bluetooth:
 - Update capability
 - Integrated log memory
 - Commissioning support with diagnostic options

ORDER INFORMATION

Order Code	Part No.	Description
TST EWA4-B0505CE-KA2	7169.000.00	2.2 kW motor power, housing 182 x 328 x 93 mm with foil keypad
TST EWA4-B0505CE-KM2	7221.000.00	2.2 kW motor power, housing 210 x 420 x 200 mm with foil keypad