FEIG ELECTRONIC

A·D·S AUTOMATIC DOOR SPECIALIST
Puertas & Portones Automaticos
www.adsver.com.mx

# »CONTROLADOR TRIFASICO TST EWA4-B0505 MARCA FEIG.

TST EWA4-B0505

## COMFORT DOOR CONTROL

- 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



**Door control with electronic reversing high power relays**

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 offers sufficient space for cabling and also for the installation of additional devices in a wide variety of applications.

The flexible parameterisation of the inputs and outputs as well as the numerous expansion cards offer solutions for the entire range of applications.

The cross-control FEIG operating principle enables quick and easy commissioning.

All FEIG components meet the latest safety standards, which are regularly certified by external test centers.

**Additional characteristics:**

- Connected load up to 2.2kW
- Fully integrated second switch-off path in accordance with DIN EN 12453
- Available in all FEIG housing variants
- 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

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V10.26

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## COMFORT DOOR CONTROL

TST EWA4-B0505

### Technical Data

| | |
|---|---|
| Power supply | 1N~110-240 V, 50-60 Hz<br>3N~200-415 V, 50-60 Hz |
| Control voltage / external supply 2 | 24 VDC regulated (±10 % at nominal voltage 230 V)<br>Control variant: max. 500 mA<br>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<br>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<br>All inputs must be connected potential-free or<br>< 5 V: inactive -> logic 0<br>> 7 V: active -> logic 1<br>min. Signal duration for input control commands: > 100 ms |
| Control output | Relay K1 and K2:<br>Changeover contact potential-free min. 10 mA / max. 230 VAC / 3A<br>Transistor output OUT 15:<br>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 |

### Order information

| | | |
|---|---|---|
| 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 |

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