

TNC-EC-GP



TNC-EC-AZM DISPLAY  
MODULE



LED/BUZZER  
COMBINATION

## TNC-EC-GP

### SYSTEM FOR CONTROLLING AND MONITORING MOTORISED FIRE DAMPERS

Stand-alone solution for controlling and monitoring up to 12 motorised fire dampers or up to 24 damper blade end positions

- Easy electrical installation using coded plug connections
- Pre-installed application software
- No additional programming required
- Improves the fire safety

## Application

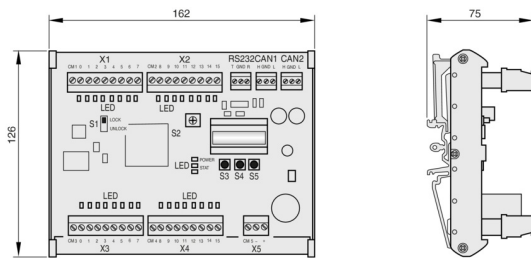
### Application

- Single PCB control for installation on a mounting rail
- Stand-alone solution for controlling and monitoring of up to 6 motorised fire dampers with 24 V DC (up to 12 fire dampers with parallel operation); alternatively for capturing the end positions of up to 12 mechanical dampers with one limit switch (up to 24 limit switches with parallel operation)
- With pre-installed user software, ready to use
- Menu-driven operation using integral LCD and softkeys on the main PCB, signalling with LEDs
- Topology: star-shaped with 4-wire line
- Processing of a signal from the smoke detector or central fire alarm system (smoke detection, contamination of smoke detector)

- Manual control (OPEN/CLOSE) of individual fire dampers
- Automatic functional test

## TECHNICAL INFORMATION

### TNC-EC-GP



#### Standard description (characteristics)

Single PCB control for controlling and monitoring of up to 6 motorised fire dampers with 24 V DC (up to 12 fire dampers with parallel operation); alternatively for capturing the end positions of up to 12 mechanical dampers with one limit switch (up to 24 limit switches with parallel operation)

- With pre-installed user software
- CAN bus interface for the connection of an external operating and display unit
- Supply voltage: 24 V DC, -15 to 25 %
- Power consumption: <150 mA (without external load)
- Dimensions: 162 × 126 × 75 mm (B × H × T)
- Installation: on mounting rail
- Make: TROX GmbH or equivalent
- Type: TNC-EC-GP

# TNC – EC – Z00



#### 1 Type

**TNC-EC** Decentralised operating and monitoring system

#### 2 Variant

**Z00** Decentralised operating and monitoring system, in a casing  
**Z01** Decentralised operating and monitoring system, in a casing, with signal lamp  
**Z02** Decentralised operating and monitoring system, in a casing, with display module  
**Z03** Decentralised operating and monitoring system, in a casing, with signal lamp and display module  
**GP** Decentralised operating and monitoring system, main PCB only  
**AZM** Display module