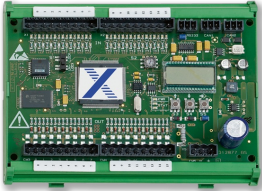


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TNC-EC-GP



TNC-EC-AZM DISPLAY
MODULE

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



LED/BUZZER
COMBINATION

Application



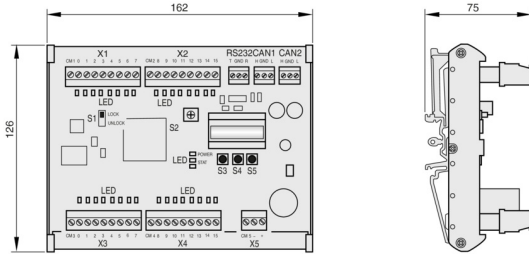
Application

- 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

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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

2

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

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TROX GmbH



Heinrich-Trox-Platz
D-47504 Neukirchen-Vluyn
Tel.: +49 (0)2845 202-0
Fax: +49 (0)2845 202-265

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