



TNC-Z0047

## TNC-Z0047

### ILLUMINATED PUSH BUTTON MODULE WITH 2 PUSH BUTTONS/2 LEDs, INCLUDING MOUNTING BASE WITH ADDRESSING SOCKET

The module is used to connect the control system with the components

- Integral AS-Interface slave
- Monitoring of signal receipt
- With short circuit protection
- Easy wiring due to flat cable insulation displacement connectors ('click and go')
- Certified motor control modules for safe communication up to SIL2
- Special modules for dampers with special functions including redundant voltage supply
- Universal module for the connection of various terminal units such as fire dampers, smoke protection dampers or duct smoke detectors

## Application

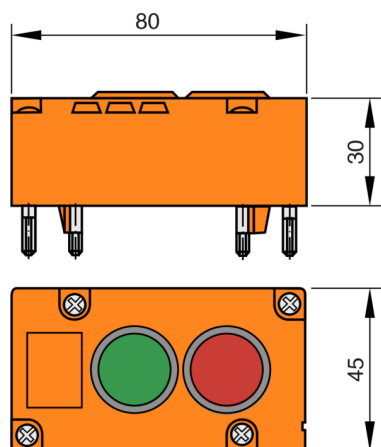


### Application

- Illuminated push button module with standard EMS interface
- Can be connected to the AS-i bus using flat cable mounting base
- Protection level IP67; can be mounted on site
- No additional voltage supply required
- The push buttons are protected against accidental contact
- LEDs with a high light output ratio at a low operating current

## TECHNICAL INFORMATION

## AS-i adjustment and addressing device TNC-Z0047



Description	TNC-Z0047
Electrical design	2 push buttons/LEDs
Supply voltage	26.5 – 31.6 V DC
Current consumption	< 55 mA (LED on)
AS-i interface reverse voltage protection	Yes
AS-i profile	S-3.F.F
I/O configuration	3 Hex
ID code	F Hex
AS-i certificate	Yes
Data bit D0 open	Push button 2 (red)
Data bit D1 open	Push button 1 (green)
Data bit D2 open	LED 2 red
Data bit D3 open	LED 1 green
Parameter bits	Not used
Ambient temperature	-25 to 60 °C
Protection level	IP 67
EMC	EN 50295
MTTF	1661 years
Casing materials	PBT (Pocan)
Dimensions L × B × H	80 × 45 × 50 mm
Connection	Contact pins on FC or SC lower part; LED supply
Connection	from AS-i cable

### Standard description (characteristics)

- Illuminated push button module with 2 push buttons/2 LEDs, including mounting base with addressing socket
- Voltage supply via AS-i cable
- Opening and closing via bus
- Supply voltage: 26.5 – 31.6 V DC
- Total current consumption from AS-i: < 55 mA
- Ambient temperature: –25 to 60 °C
- Protection level: IP67
- Make: TROX GmbH or equivalent
- Type: TNC-Z0047

# AS – EP



### **1** Module

<b>AS-EPR</b>	Module for the connection of four limit switches
<b>AS-EM</b>	Module for controlling an actuator
<b>AS-EM/EK</b>	Module for controlling actuators on smoke control dampers
<b>AS-EM/SO</b>	Module for controlling actuators with special functions
<b>AS-EM/SIL2</b>	Module for controlling actuators with SIL2 certificate
<b>AS-EM/C</b>	Module for universal control functions, 2 outputs, 4 inputs
<b>TNC-A005S</b>	AS-i safety input module
<b>TNC-Z0094</b>	Relay module 4E/4A
<b>TNC-Z0047</b>	Illuminated push button module