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TNC-A3226



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## TNC-A3226

### FOR THE CREATION OF ADDITIONAL AS-I SEGMENTS

AS-i repeater TNC-A3226 is used together with AS-i power supply unit TNC-A1256 or TNC-A1258

- Creates an additional AS-i segment
- Galvanic isolation of the two segments
- Switchable terminal resistor for the incoming segment
- 2 AS-i repeaters can be connected in series

## TECHNICAL INFORMATION

<b>Type</b>	TNC-A3226
<b>Supply voltage</b>	26.5 - 31.6 V DC
<b>Current consumption</b>	60 mA per AS-i segment
<b>AS-i interfaces</b>	2
<b>Number of additionally required AS-i power supply units</b>	1
<b>No. of repeaters/controllers/parallel operation</b>	Any number if according to AS-i specification
<b>No. of repeaters/controllers/series operation</b>	2
<b>Galvanically isolated</b>	Yes
<b>Status display (operation)</b>	2 x LED, green
<b>Error display</b>	LED, yellow
<b>Ambient temperature</b>	-25 - 70°C
<b>Protection level</b>	IP 20
<b>EMC</b>	EN 62026-2
<b>Casing materials</b>	PA 6.6
<b>Note</b>	The AS-i repeater has no slave address; the total number of AS-i slaves per master segment (31 or 62) remains unchanged, no parameter setting required

## WIRING

	<b>Outgoing AS-i cable</b>
<b>A-:</b>	AS-i - line 2
<b>A+:</b>	AS-i + line 2
<b>A-:</b>	AS-i - line 2
<b>A+:</b>	AS-i + line 2

	<b>Incoming AS-i cable</b>
<b>A+:</b>	AS-i + line 1
<b>A-:</b>	AS-i - line 1
<b>A+:</b>	AS-i + line 1
<b>A-:</b>	AS-i - line 1

<b>T1</b>	<b>Crossbar for bus termination</b>
<b>T2</b>	Crossbar for bus termination

Specification text

AS-i repeater allows for a cable extension by 100 m.

- Total current consumption from AS-i:  $2 \times 60$  mA
- Output/connection: Combicon connector
- Casing materials: PA 6.6
- Ambient temperature: -25 to 70 °C
- Protection level: IP 20
- Operation:  $2 \times$  LED, green
- Error: LED, yellow
- Make: TROX GmbH or equivalent
- Type: TNC-A3226

**TNC-A1412**

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1 Type

TNC-A1412 for 1 or 2 AS-i masters

TNC-A3226 Repeater

TNC-Z0119 Passive bus termination (terminal resistor)