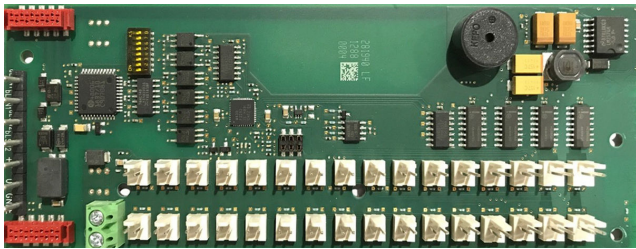


# ATB 420 LSNI Display module

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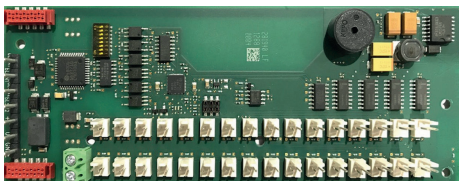
- ▶ 32 outputs with flashing capability
- ▶ Onboard alarm buzzer
- ▶ Contact for output test

## Functions

The ATB 420 LSNI may be used to drive LEDs or other low current consuming devices to display the status and events of field devices.

It is freely programmable according to application requirements.

The ATB 420 LSNI module has integrated isolators for maintaining the function of the elements on the LSN loop in the event of wire interruptions or shortcircuits.



LED 16 - LED 1  
LED 32 - LED 17



The display module has 32 outputs, each with

- 600 Ω resistor
- 5 V

And permanent ground, 5 V are switched.

## Certifications and approvals

EN54-17:2005

EN54-18:2005

Region	Regulatory compliance/quality marks	
Europe	CE	ATB 420

## Parts included

Quantity	Component
1	ATB 420 LSNI Display module
1	Accessory bag with terminals for crimping



### Notice

For crimping the supplied terminals you need a crimp tool, an upper crimp die and a lower crimp die for conductor cross section 28 to 22 AWG or 22 to 18 AWG.

## Technical specifications

### Electrics

Operating voltage	
• LSN part	+15 V DC to +33 V DC
• AUX power	+8 V DC to +30 V DC
Current consumption	

• LSN part	3 mA
• other functions	All outputs off: 10mA@24V, 15mA@8V All outputs on, max. load: 65mA@24V, 170mA@8V

**Mechanics**

Dimensions (H x W x D)	163 x 60 x 13.5 mm
Weight	50g

**Environmental conditions**

Permissible operating temperature	-5 °C to +50 °C
Permissible storage temperature	-20 °C to +60 °C

**Special features**

Output flashing frequency	1.25 Hz
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**Ordering information**

**ATB 420 LSNI Display module**

Display module

Order number **ATB 420 LSNI**

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