



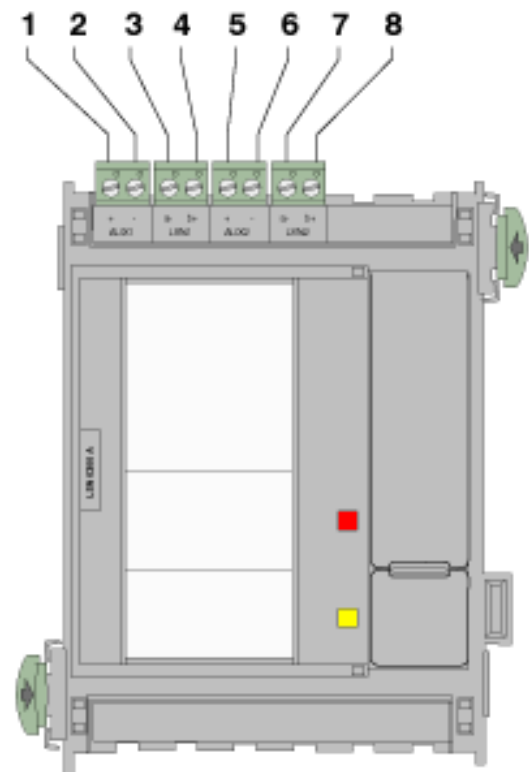
LSN 0300 A LSN improved module 300 mA



- ▶ Up to 254 elements
- ▶ Cable length up to 1000 m
- ▶ Unshielded cable can be used
- ▶ Line current up to 300 mA
- ▶ Additional voltage output (ERT-capable)
- ▶ Flexible network structures (loop, stub, and T-Tap)
- ▶ Addressing techniques: LSN “improved version” auto-addressing, LSN classic auto-addressing and manual address assignment

The LSN module enables the connection of an LSN loop with up to 254 elements at a max. output current of 300 mA.

System Overview



Pos.	Description	Connector
1 / 2	AUX1 + / -	Additional power supply, incoming
3	LSN1 a-	LSN1 -
4	LSN1 b+	LSN1 +
5 / 6	AUX2 + / -	Additional power supply, outgoing
7	LSN2 a-	LSN2 -
8	LSN2 b+	LSN2 +

Installation/Configuration Notes

- Any LSN-compatible component can be connected.
- Country-specific standards and guidelines must be considered during planning.

Parts Included

Qty.	Components
1	LSN 0300 A LSNi module 300 mA

Technical Specifications

Electrical

Input voltage	20 V DC ... 30 V DC (min...max) 5 V DC \pm 5%
Max. current consumption	
• Standby operation	36 mA + 1.7 x element current consumption
• Alarm	39 mA + 1.7 x element current consumption
Max. current consumption AUX	1.2 x max. additional supply
Max. line current	300 mA
Max. additional supply	500 mA
Max. cable length	1000 m (3280 ft.)

Mechanics

Operating/display elements	2 LEDs (1 x red, 1 x yellow) 1 key (LED test)
Housing material	ABS plastic, Polyac PA-766 (UL94 V-0)
Housing color	Satin finish, anthracite, RAL 7016
Dimensions	Approx. 127 x 96 x 60 mm (5.0 x 3.8 x 2.4 in.)
Weight	
• Without packaging	Approx. 225 g (7.9 ounces)
• With packaging	Approx. 350 g (12.4 ounces)

System limits

Max. number of elements	254 LSN "improved version" elements
-------------------------	-------------------------------------

Environmental conditions

Permitted operating temperature	-5 °C ... 50 °C (23 °F ... 122 °F)
Permitted storage temperature	-20 °C ... 60 °C (-4 °F ... 140 °F)
Permitted relative humidity	95%, non-condensing
Protective system compliant with IEC 60529	IP 30

Ordering Information

LSN 0300 A LSN improved module 300 mA	LSN 0300 A
---------------------------------------	------------

Europe, Middle East, Africa:
Bosch Security Systems B.V.
P.O. Box 80002
5600 JB Eindhoven, The Netherlands
Phone: +31 40 27 83955
Fax: +31 40 27 86668
emea.securitysystems@bosch.com
www.boschsecurity.com

Americas:
Bosch Security Systems
130 Perinton Parkway
Fairport, New York, 14450, USA
Phone: +1 800 289 0096
Fax: +1 585 223 9180
security.sales@us.bosch.com
www.boschsecurity.us

Asia-Pacific:
Bosch Security Systems Pte Ltd
38C Jalan Pemimpin
Singapore 577180
Phone: +65 6319 3450
Fax: +65 6319 3499
apr.securitysystems@bosch.com
www.boschsecurity.com

Represented by