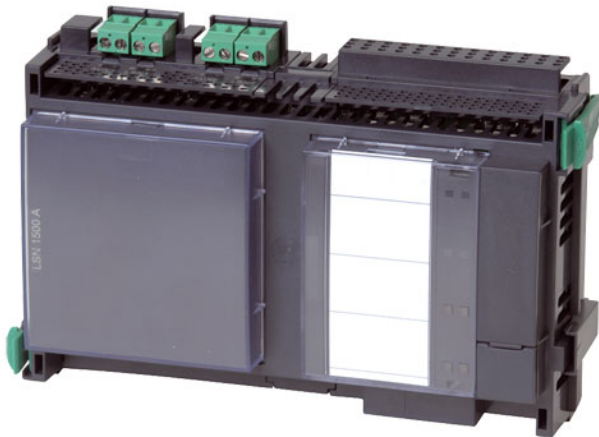




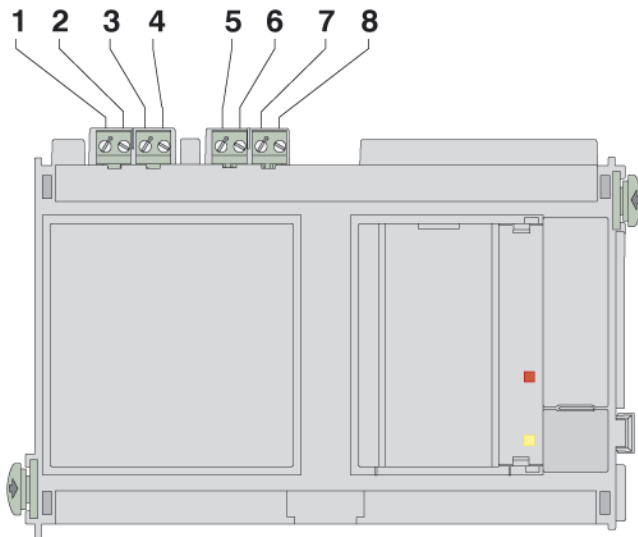
LSN 1500 A LSN improved Module 1500 mA



- ▶ Up to 254 LSN_{improved} elements
- ▶ Line length up to 3000 m
- ▶ Unshielded cable can be used
- ▶ Current consumption up to 1500 mA

This module is used to connect an LSN loop to up to 254 LSN_{improved} elements with a maximum line current of 1500 mA or up to 127 standard LSN elements, with a maximum current of 300 mA.

System Overview



Item	Description	Connection
1 / 2	AUX1 +/-	Additional power supply, outgoing
3	LSN a1-	LSN1 - outgoing
4	LSN b1+	LSN1 + outgoing
5 / 6	AUX2 +/-	Additional power supply, incoming
7	LSN a2-	LSN2 - incoming
8	LSN b2+	LSN2 + incoming

Installation/Configuration Notes

System limits for each LSN 1500 A LSN improved Module

- Up to 254 LSN elements can be connected
- Current consumption up to 1500 mA
- Up to 3000 m line length
- Country-specific standards and guidelines must be considered during planning.
- The double module may be only plugged on a PRD 0004 A panel rail and requires there two slots.

Parts Included

Qty.	Components
1	LSN 1500 A LSN improved Module 1500 mA

Note Ready for delivery on request.

Technical Specifications

Electrical systems

Input voltage	20 V DC ... 30 V DC (min...max) / 5 V DC \pm 5 %
Current consumption	
• Module	260 mA at 24 V DC
• LSN	1,7 x Current consumption of the LSN elements
• AUX	1,2 x Auxiliary power
LSN line current	1500 mA, depending on configuration and cable type 300 mA at connection of standard LSN elements
AUX auxiliary supply	Max. 500 mA in an LSN loop(ERT system) or 2 x 500 mA in 2 stubs

Mechanical systems

Operation/display elements	2 LEDs (red = alarm, yellow = fault) 1 Key switch (LED test)
Housing material	ABS plastic, (UL94 V-0)
Housing color	Satin finish, anthracite, RAL 7016
Dimensions	Approx. 127 x 190 x 60 mm (5.0 x 7.6 x 2.4 in.)
Weight	Approx. 440 g

System limits

Max. line length	3000 m, depending on configuration and cable type
Number of elements	Max. 127 standard LSN elements Max. 254 LSN _{improved} elements

Environmental conditions

Permissible 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
Protection class as per IEC 60529	IP 30

Ordering Information

LSN 1500 A LSN improved Module 1500 mA LSN 1500 A
Ready for delivery on request

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