



IPB-IF100 LSN 16 zone expander



- ▶ 16 zones
- ▶ 8 control outputs (open drain), each 50 mA
- ▶ Cover tamper contact for tamper surveillance
- ▶ Monitoring of the external supply voltage

The IPB-IF100 LSN is used to connect up to 16 zone inputs to an LSN control unit.

Functions

The IPB-IF100 LSN is used to connect line technology equipment components to the LSN bus.
 Up to 16 zones (terminal resistance 12.1 KOhm) and 8 control outputs (Open Drain) can be connected.
 The IPB-IF100 LSN communicates with the LSN control unit on the basis of the LSN protocol.
 The interface is configured using a parameter program (PC) via the control unit.
 The interface has a reset function for passive glass breakage sensors.
 The connections use spring terminal technology and partly flat band cable as well.

Certifications and Approvals

Country	Certification	IPB-IF100 LSN
DE	VdS	G 102071, C

Installation/Configuration Notes

Control units must be erected in accordance with the standards of the series DIN VDE 0800 (VdS Classes A, B and C).

When erecting, extending, modifying and operating control units of the VdS classes B and C, DIN VDE 0833 must be applied.

In the case of control units which need to fulfill the requirements of VdS damage prevention, the guideline VdS 2311 must also be applied.

Parts Included

Type	Qty.	Components
IPB-IF100 LSN	1	16 zone expander

Technical Specifications

Operating voltage (ext. supply)

• Power voltage	+ 9 V ... + 15 V (DC)
• Rated voltage	+ 12 V
• LSN part	15 – 36 V (U_{nom} : 33 V)

Current consumption

Current consumption when idling (ext. approx. 26 mA supply)

in addition per zone (standby) 0.75 mA

LSN part 3 mA

Control outputs (open drain)8

max. over threshold voltage 12 V DC

Over threshold current, max permitted 50 mA

Number of zones 16

Terminal resistance 12.1 KOhm / 1%

Housing

• Dimensions H x B x T in mm	200 x 150 x 42
• Color	Light gray RAL 7035
• Material	Steel plate

Weight 960 g

Protective system IP 32

Environmental class II

Permissible ambient temperature -10° C ... +55° C

Ordering Information

IPB-IF100 LSN 16 zone expander

F01U512129

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