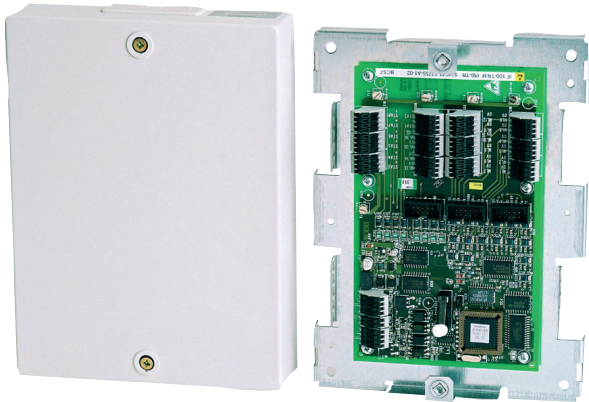




IPB-IF100 LSN 16 Zone Expander Module



- ▶ 16 inputs to connect primary lines
- ▶ 8 control outputs (open drain), each 50 mA
- ▶ Cover tamper contact for tamper surveillance
- ▶ Monitoring of the external power supply

The IPB-IF100 LSN is used to connect up to 16 zone inputs with closed-circuit protection to an LSN control panel.

Functions

The IPB-IF100 LSN is used to connect line technology equipment components to the LSN bus.

Up to 16 primary lines (terminal resistance 12.1 kilohm) and 8 control outputs (Open Drain) can be connected.

The IPB-IF100 LSN communicates with the LSN control panel on the basis of the LSN protocol.

The expander module is configured via the control panel using programming software (PC).

The connections use spring terminal technology and partly flat band cable in addition.

Certifications and Approvals

| Region | Certification | |
|---------|---------------|---------------------------|
| Germany | VdS | G 105022, C IPB-IF100 LSN |
| Europe | CE | IPB-IF100 LSN |

Installation/Configuration Notes

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

When installing, extending, modifying and operating control panels in VdS Classes B and C, DIN VDE 0833 must be applied.

In the case of control panels that need to fulfill the requirements of VdS Schadenverhütung, the guideline VdS 2311 must also be applied.

The primary line cable lengths are not in the cable lengths for LSN. A line resistance of up to 100 Ohm per primary line is permitted.

Parts Included

| Type | Qty. | Component |
|---------------|------|-------------------------|
| IPB-IF100 LSN | 1 | 16 zone expander module |

Technical Specifications

Operating voltage (ext. supply)

- | | |
|-----------------|---------------------------|
| • Power supply | +9 V to +15 V DC |
| • Rated voltage | +12 V |
| • LSN part | 15 V to 36 V (nom.: 33 V) |

Current consumption

- | | |
|---|---------------|
| • Current consumption when idling (ext. supply) | Approx. 26 mA |
| • In addition per alarm line (standby) | 0.75 mA |
| • LSN part | 3 mA |

Control outputs (open drain)

- | | |
|--------------------------------------|---------|
| • Max. switching voltage | 12 V DC |
| • Max. permissible switching current | 50 mA |

Number of inputs

16

Terminal resistance

12.1 kilohm/1%

Housing

- | | |
|--------------------------|---------------------|
| • Dimensions (H x W x D) | 200 x 150 x 42 mm |
| • Color | Light gray RAL 7035 |
| • Material | Steel plate |
| • Weight | 960 g |

Protection category

IP 32

Environmental class

II

Permissible ambient temperature

-10 °C to +55 °C

Ordering Information

IPB-IF100 LSN 16 Zone Expander Module F01U512129

For monitored connection of conventional detectors (16 primary lines) and for controlling (8 control outputs) on the local security network LSN

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