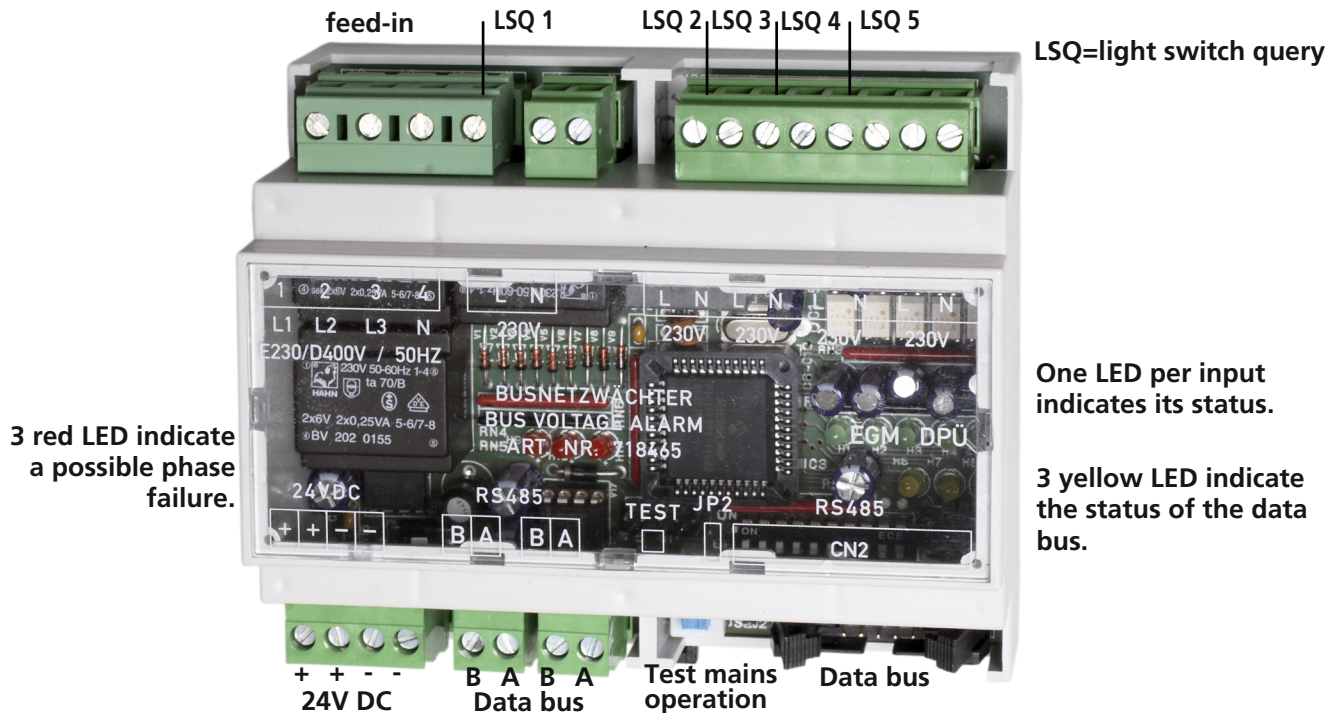


Bus mains monitor

3-phase bus mains monitoring for installation in distribution boards



Function This bus mains monitor is system-bound and communicates directly with the emergency lighting system. It is equipped with a safety function: The communications monitor reacts to **breakages or short-circuits in the cable**; a fault is reported when communication errors occur.

When this technology is used, **the laying of a function-maintained cable to the Bus-line-monitoring-modul is not necessary.**

The following data is recorded :

- Failure of the general power supply
- Low voltage alarm according to VDE 0108-100/ Paragraph 6.1.1, VDE 718
- Location specified (e.g. General sub-distribution 1st floor)
- Short-circuit in line section
- Breakage

Installation The bus mains monitor can be used in the control centre as well as in the sub-distributors of the emergency lighting system or in general distributors. **Only one bus cable (LAN CAT 7)** is required.

Technical data

Inputs:	5 x 230 VAC + 1 x 400 VAC Measuring input
Supply voltage:	24 VDC +/- 15 %, 15-25 mA
Actuation:	>10 ms or >500 ms (adjustable)
Dimensions (WxHxD in mm):	105 x 90 x 58

DIP switch settings

DIP 1-5	Address (off=1 / on=0)
DIP 6	Detects whether voltage is excessive (off / on)
DIP 7	Mains tolerance (off=10% / <u>on=15%</u>)
DIP 8	Reaction time (off=10ms / <u>on=500ms</u>)
DIP 9	Circuit time after mains returns (<u>off=10s</u> / on=0,5s)
DIP 10	Spare

factory settings