

ZB-S System Components and Options

Connection terminals

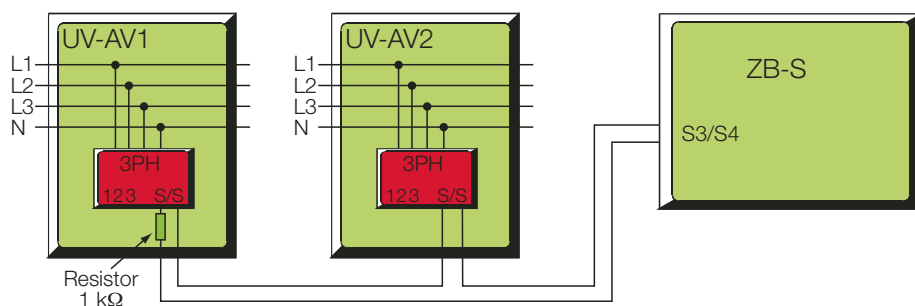


Terminals up to 4 mm² rigid or flexible are provided for connecting the external phase monitors, monitoring equipment and control units.

Terminals up to 4 mm² on DIN rail for rigid or flexible cables are provided for connecting the final circuits.

The terminals are designed as 3-level neutral disconnect terminal.

Current loop



24 V current loop for emergency lighting request using differential loop monitoring for **short-circuit and open circuit detection**.

Differential monitoring: A short or open circuit causes the system to energise immediately (maintained light).

Phase monitor switch closed (1 kΩ): Normal system mode

Three-phase monitor

When one phase fails, the module switches a relay contact and interrupts the standard electronic 24 V current loop in the ZB-S cover and/or the US-S substations.

The emergency luminaires in non-maintained mode are switched to mains operation, if the mains voltage still applies to the ZB-S cover (MDB).



Three-phase monitor

Technical data

Dimensions (mm) (h x w x d)	85 x 52,5 x 65
Enclosure	Plastic
Terminals	2,5 mm ² rigid and flexible
Type of mounting	DIN rail
Contact 1, 2, 3, S, S	0.5 A/24 V AC/DC

Ordering details

Type	Scope of supply	Order No.
Three-phase monitor	Module ready for mounting	4 0071 343 430