

ZB-S

Components and Options



Connection terminals

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



Three-phase monitoring

Three-phase monitoring

The 3-phase monitoring is for monitoring of general lighting distributors. When one phase fails, the module switches a relay contact and interrupts the standard electronic 24 V current loop. The emergency luminaires in non-maintained mode are switched to mains operation, if the mains voltage still applies to the ZB-S cover.

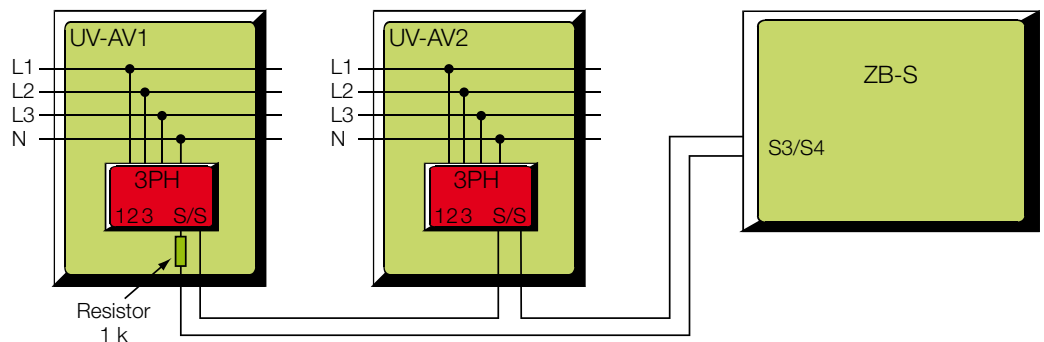
Dimensions mm (H x W x D)	85 x 52.5 x 65
Enclosure	Plastic, red
Connection terminals	2.5 mm ² rigid and flexible
Type of mounting	DIN mounting rail
Contact	0.5 A/24 V AC/DC, 1 x open contact, 1 x changeover contact
Trigger threshold	$U < 85 \% U_N$

Ordering details

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

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 k Ω): Normal system mode