

ZB-S System Components and Options



External TLS-Bus-Module

The TLS bus module is used to poll stairwell light switches, to supply the glow lamps in mains and emergency operation and for the common switching of safety and general lighting. The housing is suitable for DIN rail mounting.

The module has a service button, an RS 485 bus port (integral 120 Ohm bus load resistor),

24 V module supply, and generates the glow lamp voltage. It also has a glow lamp flash function (30 s before On-time timeout). The TLS bus module is addressed with encoding switches. Coloured LEDs indicate fault, ON status and operation.

Technical data

Device supply	24 V DC (min. 19 V, max. 30 V)
Power consumption at 24 V	Standby 10 mA ± 3 mA 1 button pushed 35 mA ± 5 mA 2 buttons pushed 60 mA ± 6 mA
Degree of protection	IP 20
Insulation class	I
Ambient temperature	-10 °C to + 40 °C
Connection T1/T2	max. 50 mA each e.g. 50 pushbuttons with 1 mA glow lamp
Connection K1/K2	10 A/250 V AC Making current max. 120 A/ms
Data bus	RS 485
Address range	1-25
Weight	0.2 kg
Dimensions (l x w x h) mm	105 x 85 x 60
Mounting	DIN rail
Supply terminals/plug-in terminals	2.5 mm ² rigid and flexible
Number of IPB inputs	2 off incl. glow lamp supply (max. 50 mA)
Load circuits for general lighting	2 off (10 A/120 A/ms)
Variable On-time	1 to 15 min.

Ordering details

Type	Scope of supply	Order No.
TLS-Bus-Module	Module for DIN rail mounting	4 0071 346 965
DIN rails	4 off DIN rails for mounting external modules in the switch cabinet incl. fixing accessories	4 0071 347 125

