

TLS bus module



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This module for installation in general lighting distribution boxes monitors the switching status of buttons for up to two separate stairwell luminaires and transmits the respective switching status to the ACU DG-S module of the DualGuard-S system via an RS485 bus line. In mains and emergency operation, the circuits of the stairwell and emergency lights are operated in accordance with the settings for the CU CG-S control unit. In addition, the switch glow lamps of the connected buttons are supplied in mains and emergency lighting mode.

Power supply for the modules	
Connection voltage	24V DC (19 ... max. 30V)
Cable type	4 x 2 x 0.8 mm IY(ST)Y, twisted pair shielded
(minimum requirement)	
Current consumption	Max. 50mA, depending on the number of
glow lamps for stairwell light switches	
Bus connection	RS 485, Rated voltage: Un = 24V DC
(minimum requirement)	
Connection terminal A, B, SE	Type of cable: 4 x 2 x 0.8 mm IY(ST)Y, twisted pair shielded
Switch outputs	2 rated voltage Ur = 230V, switching current: max. 10A (120A/ms)
Safety class/type	IP20/I
Ambient temp.	-10 ... +40° C
Indicator LEDs:	<ul style="list-style-type: none"> - LED K1 or K2 illuminate when the circuit is closed - LED T1 and T2 illuminate as long as the corresponding button input is activated - LED on/off lit if 24 V DC supply voltage is present and the device is activated via the control - LED fault/failure illuminates if a malfunction has been registered in the module

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Order details

Model	Included with delivery	Order no.
TLS.1 module	Stairwell light switch module for top-hat rail installation	40071361720

