



33 000 007 - 1



DT7 switching actuator
DL-RM8A

Only skilled electricians may install this electrical equipment otherwise there is the risk of fire or electric shock!

Temperature at mounting location:
-20°C up to +50°C.
Storage temperature: -25°C up to +70°C.
Relative humidity:
annual average value <75%.

Module to control a relay contact over the DALI bus (DT7) for luminary installation and flush-mounted box. 59x33x15 mm. Protection class IP20. DALI current consumption 2.7 mA.

Compact relay module for direct control of 230 V loads over DALI. Loads without DALI input are easily integrated in a DALI circuit. Loads can be switched on/off by DALI commands. The device function complies with the standard for DALI Device Type 7 – switching function (as of Firmware 2.0). Adjustable characteristic for power-up and bus power failure.

The DALI RM8 is powered over the DALI bus. No additional power supply is required. Zero passage switch-on. The module represents a bus user and is therefore addressable. Configuration via DALI Cockpit PC software.

DALI functions and command set:

The DALI RM8 can integrate loads on the DALI bus and can then switch them on/off. The DALI RM8 is a control device for non-dimmable loads based on the DALI specifications in IEC 62386-208 (Device Type 7). Accordingly, the switch characteristic is determined by comparing the virtual dim level (VDAP) with 4 switching thresholds. The virtual dim level (VDAP) corresponds to the dim level of a DALI electronic ballast with its corresponding characteristics (limited

by MINLEVEL and MAXLEVEL, dimming speed limited by fade time and fade rate). There are 2 switching thresholds in each dimming direction and they are used for comparison with the virtual dim level. Only the applicable switching threshold for the current virtual dimming direction is evaluated. A threshold with the value 'MASK' is inactive and is not used in the comparison. Switch-on/off delays can be implemented with fading.

The DALI RM8 is powered from the DALI bus. The relay response to a bus power failure can be configured by the SystemFailureLevel (no change, ON or OFF, factory setting: ON). The power-on response after applying bus power can be set with PowerOnLevel.

Technical data

Max. connected current	8 A
Plug-in terminals:	
Max conductor cross-section	1,5 mm ²



The crossed-out waste container indicates that batteries may not be disposed with other household or commercial waste.

Must be kept for later use!

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