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DL-RM16A-HS-WE



Module to control a relay contact over the DALI bus (DT7) for DIN top-hat rails DIN-EN 60715 TH35. 98 mm high, 17,5 mm wide, 56 mm deep. Protection class IP20. DALI current consumption 2.7 mA.

Compact relay module for direct control of 230V 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 RM16 is powered over the DALI bus. No additional power supply is required.

Zero passage switch-on. Integrated power-on current limit, particularly suitable for loads with very high power-on current (>100 A). The interface represents a bus user and is therefore addressable.

Configuration via DALI Cockpit PC software.

DALI functions and command set:

The DALI RM16 can integrate loads on the DALI bus and can then switch them on/off.

The DALI RM16 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 RM16 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.

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| DL-RM16A-HS-WE | DALI relay module 16 A for DIN-EN 60715 TH35 rail mounting (DT7) | Art. No. 33000006 | 149,93 €/pc. |
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