

LM-SI03

Interfejs AV szafa rozdzielcza

Nr art. 20975530

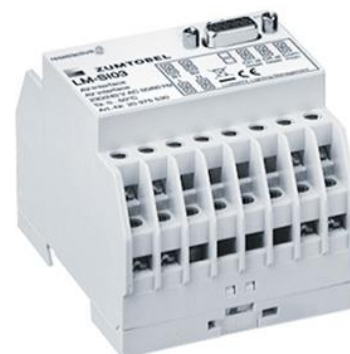
Serial RS-232 interface device for connecting external control units to the LUXMATE system

Zastosowanie

The LM-SI03 interface module converts standardized plain text ASCII commands into LUXMATE bus telegrams and thus provides access to functions in the LUXMATE Advanced facility to external control modules and control units.

The LM-SI03 is used primarily in training and lecture rooms in connection with controls for audio-visual equipment. Touch panels, touch screens, PCs, etc., may be used to provide the graphical user interface. Almost all the familiar control functions from the input device LM - EG units are possible. In addition, the LM-SI03 passes on a wide range of different status reports about the Advanced facility.

Connection of the external systems is implemented by means of an RS-232 interface.



Wskazówki dotyczące planowania

- Many aspects of the behaviour of the LM-SI03 are configurable (also using clear text commands).
- Please consult the complete interface description for further details. You can find this document on the CD-ROM via the "Operating instructions" button. It has been extended with a selection of frequently asked questions and answers.

If you do not have the CD, please request the description directly from us.

Opis działania

The following operating functions are amongst those available via the LM-SI03 for external control units:

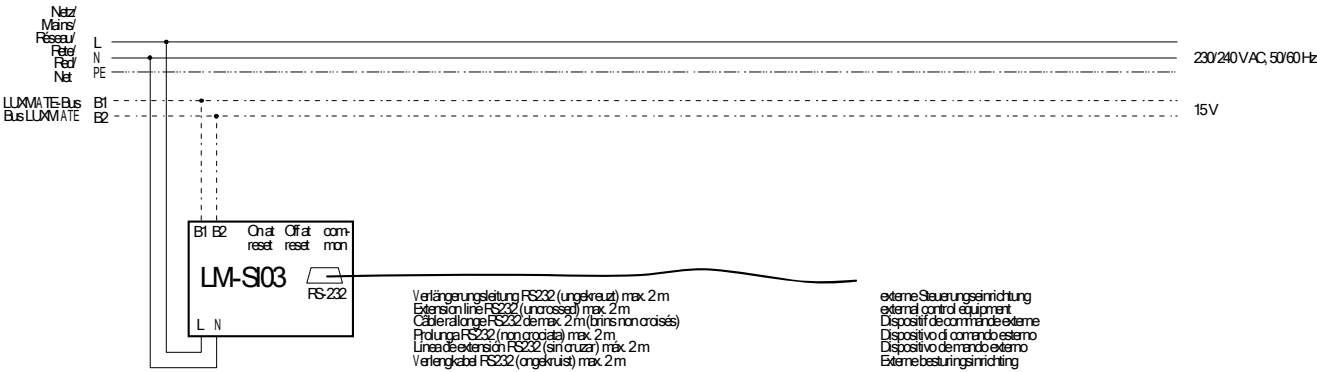
- Scene call-up for different zones (rooms, groups) with different fading speeds
- continuous changing of the values (dimming) only for specific actuators (e.g. move shutter)
- store current values as scene
- switching on and off of the daylight automation (in installations with LRA-1500)

The protocol on the non-LUXMATE side uses ASCII clear text commands. Thus a call-up of scene 3 in the room having the number 2 for example, is performed via the character string "R2S3!".

Status messages from the LM-SI03 concern amongst other things the following properties of the LUXMATE installation:

- current scene of rooms or groups
 - current value of individual actuators
 - display of LM-EG/LM-CG units, particularly time display
- These messages are normally performed on request of the external side, for example the status of room 2 is established with "R2?".

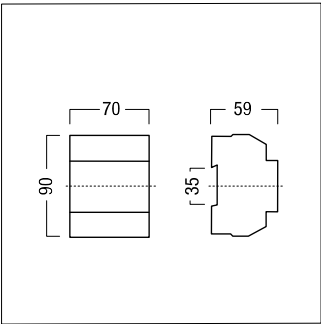
Schemat połączeń



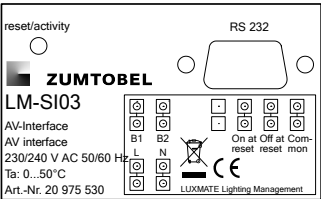
Wskazówki dotyczące montażu i instalacji

- The LM-SI03 interface module is installed on a 35 mm DIN top-hat rail near the control unit.
- The 9-pole socket (female) for the RS-232 serial interface is located at the top of the housing.
- Warning: an (uncrossed) extension cable (also known as an adapter cable or a modem cable), not a (crossed) connecting cable (also known as a NULL modem cable), must be used as interface cable (max. 2m).

Rozmiar



Tabliczka znamionowa/podłączenia



Dane techniczne

Napięcie znamionowe	230/240 V AC, 50/60 Hz
Dopuszczalne napięcie wejściowe	207 ... 264 V AC, 50 ... 60 Hz
Strata mocy	< 2 W
Wejścia	Magistrala LUXMATE (B1, B2)
Wyjścia	
{failed}	IP20
Materiał obudowy	poliwęglan, bez halogenów, ognioodporny
Instalacja	Na szynie DIN typu O o szerokości 35 mm, zgodnej z EN 50022
Wymiary	4 jednostek dla 17,5mm
Dopuszczalna temperatura otoczenia Ta	0 °C ... + 50 °C
Weight	Ok. 0.3 kg
{failed}	