

LM-BVS35

Bus power supply 35, control cabinet

Art. no. 22115026

Power supply of LUXMATE bus line with max. 35 LUXMATE devices

Application

For a smaller LUXMATE system or a bus domain with up to 35 LUXMATE devices, the smaller LM-BVS35 can be used as a bus power supply instead of the LM-BV.

Design notes

- The LM-BV product (art. no. 20 975 247) must be used for the supply of up to 100 LM devices.
- The LM-BVS35 replaces the LM-BVE bus power supply (art. no. 20 735 375).



Functional description

The LM-BVS35 bus power supply provides the LUXMATE bus with 15V DC and thus maintains the information flow in the LUXMATE system. The operation status, any short circuits and activities on the bus are signalled by two LEDs.

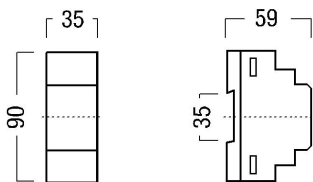
Wiring scheme



Mounting and installation instructions

- The bus power supply is installed in switch and distribution cabinets.
- Up to 35 LUXMATE devices can be connected to one LM-BVS35, where all box units, e.g. the LM-SDED, count as four modules. However, multiple modules like LM-3DSIS or LM-2JSMX count only as one module.

Dimension



Technical data

Nominal voltage	230/240 V AC, 50/60 Hz
Permitted input voltage	100 ... 264 V AC, 50 ... 60 Hz
Power loss	< 2 W
Outputs	1 LM output (B1/B2) for max. 35 LM bus loads
Terminals	0.75 – 2.5 mm ² (fine stranded with ferrules/single-wire)
Protection type	IP20
Protection class	Class II
Housing material	polycarbonate, halogen-free, flame retardant
Installation	On 35 mm top-hat rail according to EN 50022
Dimensions	2 units at 17,5 mm 35 x 90 x 59 (L x W x H, in mm)
Permissible ambient temperature ta	0 °C ... +50 °C
Weight	Approx. 0.09 kg

Label/connections

