

Product data sheet

Bus repeater EmV2

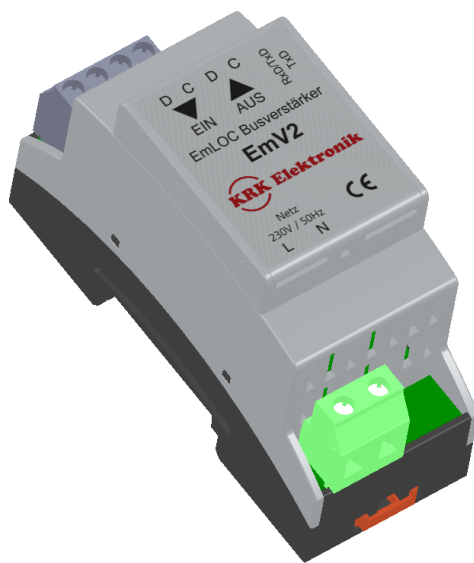
Description:

The EmLOC repeater or also “EmLOC” EmV2 converts weak bus signals to the standard level. Normally, during an ordinary reinstallation, such a repeater is not necessary because cable lengths can be determined and optimised. This is not always possible in old buildings or during retrofitting. Under some circumstances, very long connecting cables have a relatively low-resistance termination (several devices connected to the end of the cable). In this case, there is disparity between the cable resistance and termination resistor (devices). More signal voltage can drop across the cable than at the devices and the information is no longer correctly interpreted. If such situations are not avoidable, a repeater is used at the end of the cable (on the device side), which then compensates for the voltage drop across the cable.

The repeater requires supply voltage and generates the necessary voltages for EmLOC data line.

It works bi-directionally and separates the input cable from the output cable electrically. The repeaters are cascadable.

It should be safely installed in a distribution box. A position note must always be written in the installation plans.



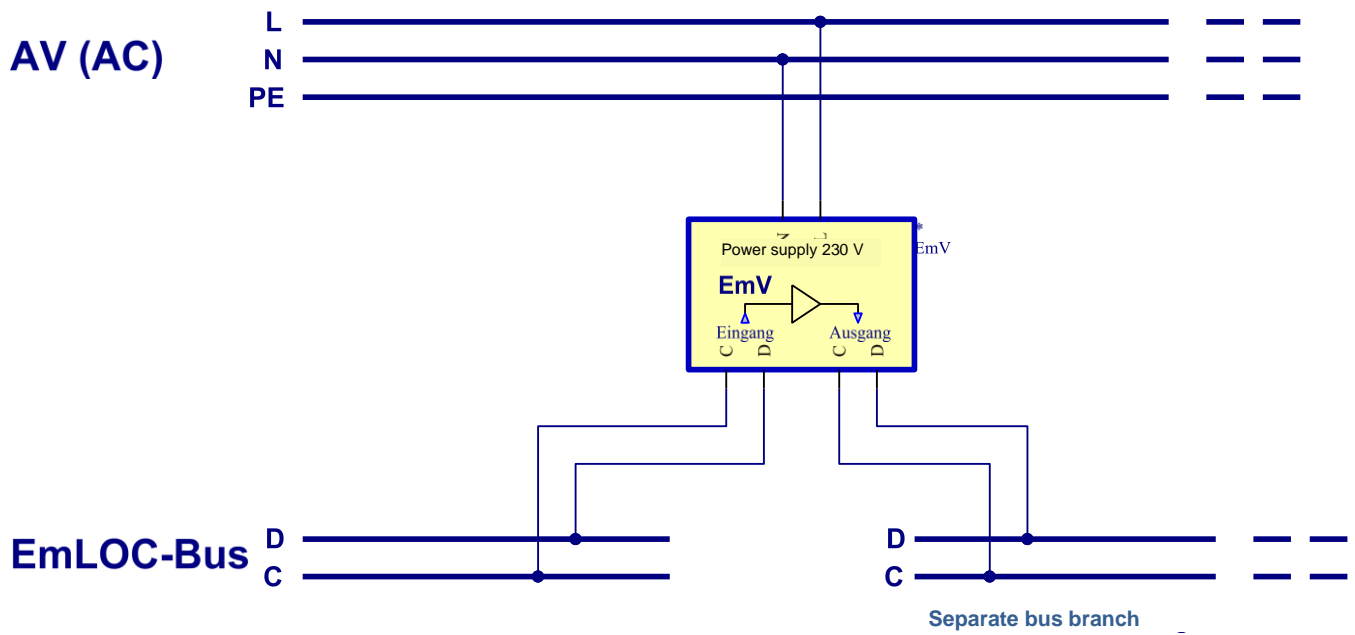
Technical data:

Input voltage / frequency	230 V / 50 Hz or 230 V DC voltage
Data cable	+/- 12 V, data transfer display via LED
Dimensions LxBxH (in mm)	L = 90 mm, B = 35 mm, H = 60 mm, DIN rail mounting
Weight	163 grams
Power consumption	max. 2.6 W

Order numbers:

Name	Description	Order number
EmV2	EmLOC bus repeater, repeater	109-3007-0010

Circuit diagram:



Dimensions:

