

# DR-XLR-F/M

# Service Connection

User manual



**DMX** <sup>®</sup>  
**4**  
**ALL**



For your own safety, please read this user manual and warnings carefully before installation.

## Description

The **DR-XLR-F** or **DR-XLR-M** is an XLR female or male connection pre-assembled for top-hat rail mounting.

The assignment of the labeled screw terminals corresponds to the assignment of the XLR connection.

The **DR-XLR** is available in different designs:

|            | 3 pin            | 5 pin            |
|------------|------------------|------------------|
| XLR-Male   | <b>DR-XLR-M3</b> | <b>DR-XLR-M5</b> |
| XLR-Female | <b>DR-XLR-F3</b> | <b>DR-XLR-F5</b> |

An integrated 120Ω DMX termination resistor can be activated and deactivated via jumper.

## Data Sheet

|                                  |  |
|----------------------------------|--|
| <b>Connection:</b>               | Screw terminals<br>XLR-Male or XLR-Female                          |
| <b>Design:</b>                   | 3 pin or 5 pin<br>Pre-assembled on top-hat rail housing base plate |
| <b>DMX Termination resistor:</b> | 120Ω   |
| <b>Dimension:</b>                | 35mm x 86mm<br>with locking clip: 35mm x 90mm                      |

## Content

- 1x DR-XLR Service Connection in corresponding design
- 1x Quick guide german and english

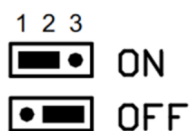
## Connection

According to the DMX standard assignment, a DMX signal is connected as follows via the 5pin screw terminal as follows:

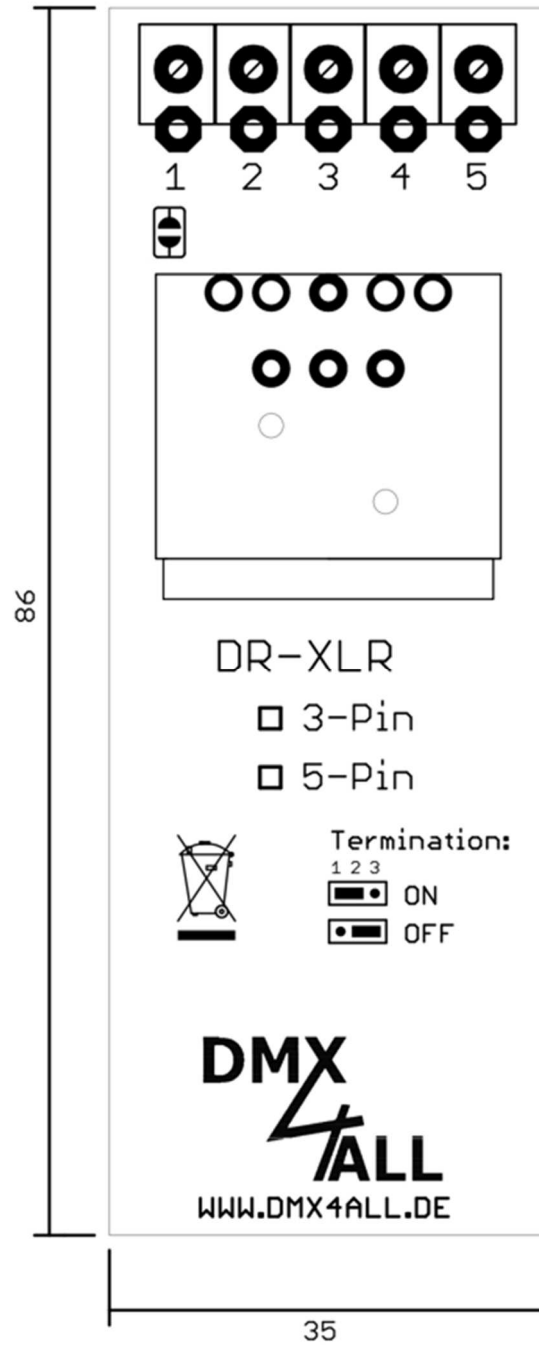
| Screw terminal | DMX-Signal |
|----------------|------------|
| 1              | Ground/GND |
| 2              | DMX -      |
| 3              | DMX +      |
| 4              |            |
| 5              |            |

## DMX Termination Resistor

An integrated 120Ω DMX termination resistor can be activated and deactivated via jumper.



## Dimension



all details in mm

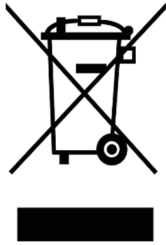
(without overhanging locking clip)

## CE-Conformity



This assembly (board) is controlled by a microprocessor and uses high frequency. In order to maintain the properties of the module with regard to CE conformity, installation into a closed metal housing in accordance with the EMC directive 2014/30/EU is necessary.

## Disposal



Electronical and electronic products must not be disposed in domestic waste. Dispose the product at the end of its service life in accordance with applicable legal regulations. Information on this can be obtained from your local waste disposal company.

## Warning



This device is no toy. Keep out of the reach of children. Parents are liable for consequential damages caused by nonobservance for their children.

## Risk Notes



You purchased a technical product. Conforming to the best available technology the following risks should not be excluded:

### **Failure risk:**

The device can drop out partially or completely at any time without warning. To reduce the probability of a failure a redundant system structure is necessary.

### **Initiation risk:**

For the installation of the board, the board must be connected and adjusted to foreign components according to the device paperwork. This work can only be done by qualified personnel, which read the full device paperwork and understand it.

### **Operating risk:**

The Change or the operation under special conditions of the installed systems/components could as well as hidden defects cause to breakdown within the running time.

### **Misusage risk:**

Any nonstandard use could cause incalculable risks and is not allowed.

### **Warning:**

It is not allowed to use the device in an operation, where the safety of persons depend on this device.



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