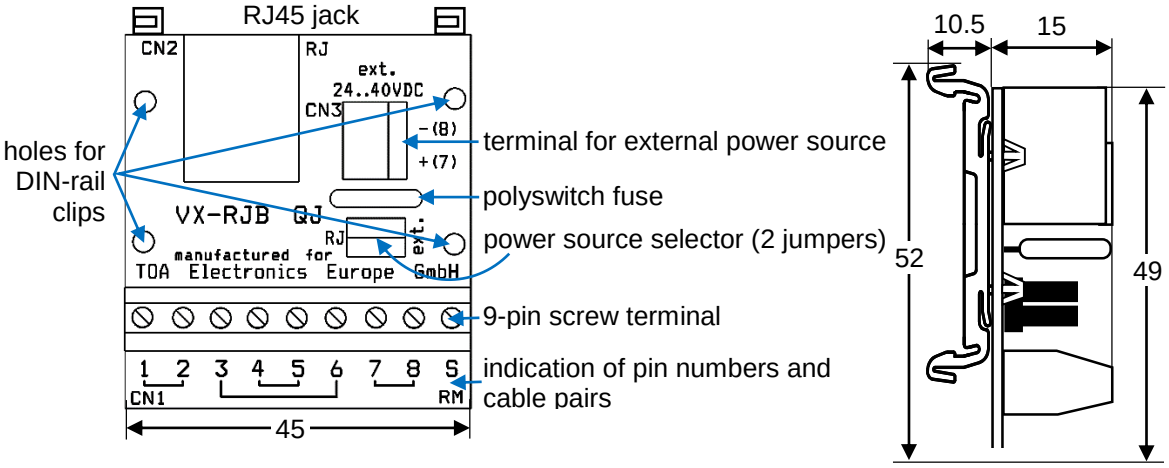
Instruction Manual

# RJ45 - Screw Terminal Adapter VX-RJB QJ

## ■ Description

The adapter VX-RJB QJ for DIN-rail mounting is designed to make each pin of an RJ45-connector available on screw terminals for connecting installation cables with a cross section area from 0.5 mm² up to 2.5 mm². A separate terminal is provided for powering remote microphones from an external power source (VX-2000DS, VX-3000DS and VX-3150DS) instead of powering from the RJ45 connector. The power from the external source is fused, interrupting the power when the current to the remote microphone exceeds 1.1 A.

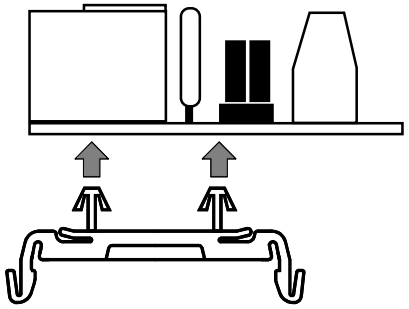
## ■ Appearance




## ■ Fixing of the Rail Connectors

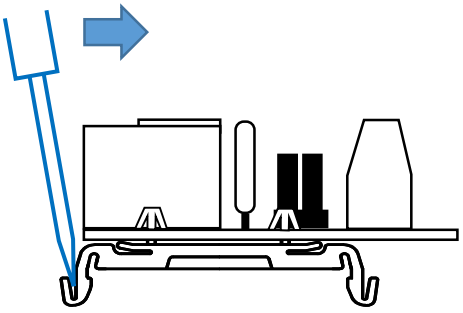
Push the attached DIN-rail clips into the holes for the DIN-rail clips (see above) as shown in the drawing on right side.

The clamps shall snap in so that the PCB is held by them securely.

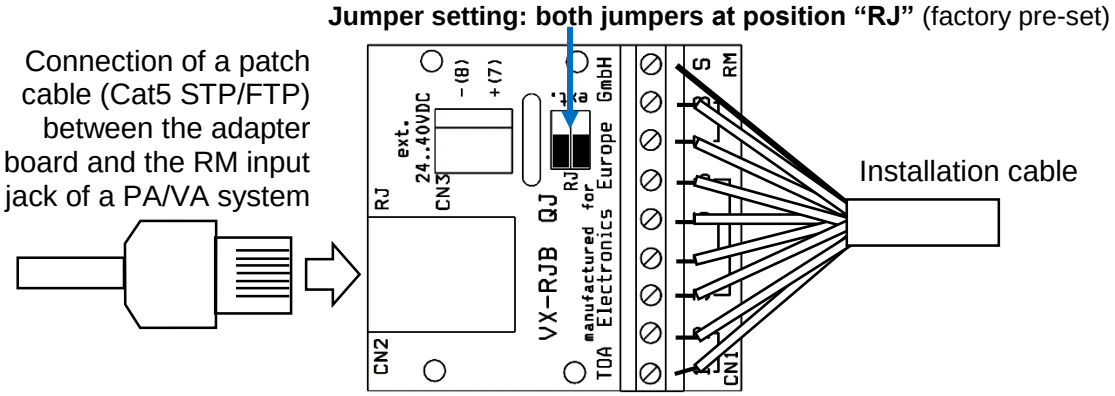


## ■ Hint for easy Removal of the Board from the (DIN) Rail

You can use a “minus” driver putting its tip into the slit of the DIN-rail clip and bending the screw driver towards the board.

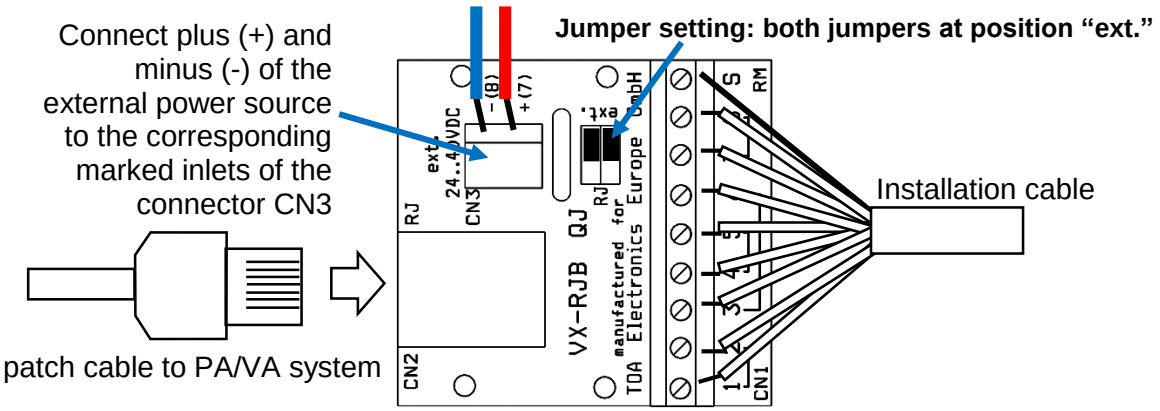


## ■ Connection of a Remote Microphone powered by the RJ45 Connector




## ■ Connection of a Remote Microphone powered by external Power Source

**IMPORTANT: This connection must NOT be used for connecting the RM-200M with VM-2000!**




## ■ Specifications

| | |
|---|---|
| voltage range from external power source | 24 VDC - 40 VDC (20 VDC at battery power) |
| max. current from external power source | 1.1 A |
| installation cable cross section area | solid: 0.5 - 2.5 mm²; stranded: 0.5 - 1.5 mm² |
| overall dimensions | 52 x 45 x 25.5 mm |

## ■ Accessories

DIN-rail clips ..... 2

Jumpers (on board) ..... 2


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