



Technical Data / Scope of Delivery:

- For vertically mounting in 42U network cabinets
- Mounting via 4 supporting insulators at the sided round holes of the 19" profiles
- Also suitable in combination with vertically blind panel 691251/691251TS
- For mounting in server cabinets the installation an an additional 19" profile is recommended (for additional notices see text lowest text on this page)
- Scope of delivery:
 - 1 x Cu Earthing bar E-Cu57 DIN46433, 1800 x 15 x 5 mm
 - 12 x Busbar terminal for cables 1.5 .. 16 qmm
 - 4 x Supporting insulator
 - 8 x Thread bolt M6 x 25
 - 8 x Washer
 - 8 x Nut M6, self-locking
- Earthing cable K2303.x not included in delivery (see accessories)

Mounting Instructions for EFB Network Cabinets:

Please hold on the following steps:

- Assemble the 4 insulators with 2 thread bolts each, use an Inbus tool H3
- Place the 4 insulators in the prepared holes in the copper bar, fix them with washers and nuts, but do not tighten the screws hardly, to make mounting onto the 19" profile easier. **Note: the screws are self-locking types, later loosening of screw is not possible.**
- Place the earthing bar at the 19" profile in a way, that bolts are positioned in the holes as following (see picture):

- Bolt insulator 1 (=1. from upside): 1. round hole from upside in installed 19" profile (ca. U 42)
- Bolt insulator 2 (=2. from upside): 21. round hole from upside in installed 19" profile (ca. U 26)
- Bolt insulator 3 (=3. from upside): 34. round hole from upside / 21. RH from downside in installed 19" profile (ca. U 17)
- Bolt insulator 4 (=1. from downside): 1. round hole from downside in installed 19" profile (ca. U 1)

- If all 4 bolts of the insulators are sitting correctly in the 19" profile, mount the inner washers and nuts and tighten them
- For fixing the rail finally now also tighten outer nuts
- Set the busbar terminal onto the earthing bar, after inserting the earthing cable fix them using the terminal screw

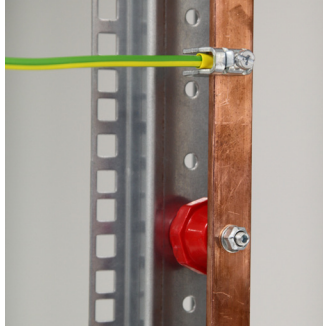
Mounting Notes for EFB Server Cabinets:

Side-mounting at the 19" profile server cabinets is not intended because of the vertically traverses for increasing the max. load of the cabinet. However, there are 2 workarounds:

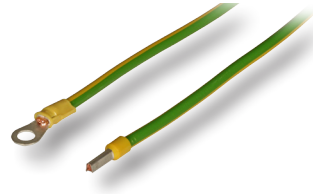
- Retrofitting of one or two additional 19" profiles in server cabinet (Art.-No. 691678, set of 2)
- Remove one of the 4 vertically traverses half-height at the 19" profile. **ATTENTION: this causes a lost of max. load on the affected profile, so think about the intended load of the cabinet before applying this method**



Art.No.	K3930V42	File	K3930V42_NEU.indd		
Description	Earthing Bar for Vertically Mounting in 42U Network Cabinets				
Created	Date	Last revision	Date	Proved	Date
Frederik Dotzki	23.09.2013	BT	23.09.2013	MN	13.02.2014



detail view: mounted supporting insulator and busbar terminal



Recommended accessory: earthing cable 6 mm² with ring cable lug \varnothing 6 mm and wire end sleeve

Art.-No. K2303.x (x = length 0.5 / 1 / 1.5 / 2 m)

Order data

Art. No.	Type
K3930V42	Earthing Bar for Vertically Mounting in 42U Network Cabinets

Accessories:

Art. No.	Type
K2303.x	Earthing cable 6 mm ²



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