

1 Basic Parts

- | | | |
|------|--|-----------|
| - 1x | subrack 6HE 84TE 235T LD | 24563-452 |
| - 1x | 19" bracket type F with handel holes | 24564-498 |
| - 1x | front handle, 12.2mm, clear anodised, 6U | 10501-008 |
| - 2x | back cover plate (half width), 6U | 20848-139 |

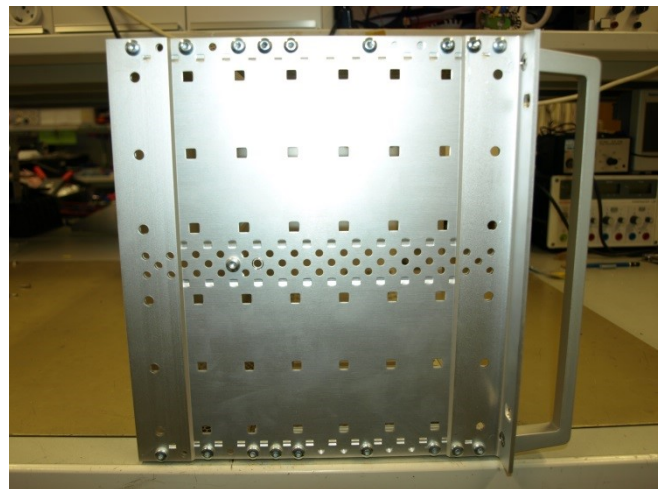
2 Tools

- Torx- wrench T20H
- Slotted screwdriver

3 Mounting

3.1 Crate

- mount module rails (front, middle, back) using screws M4x14/10 (according to „Subrack User Manual 64560-114“ p. 2) to one side wall
- slide in threaded stripes and hole striped
- use right orientation of the side walls, pressed-in holding point inside
- mount handles
- follow the received construction manual !



3.2 Guide Rails and Front Plates

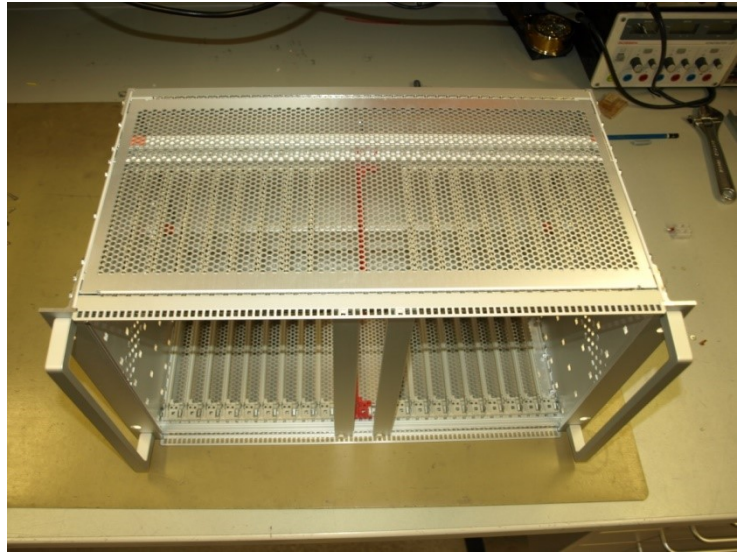
Gray Guide Rail at Pos.	
1	00 – 03
2	04 – 07
3	08 – 11
4	12 – 15
5	16 – 19
6	20 – 23
7	24 – 27
8	28 – 31
9	32 – 35
10	48 – 51
11	52 – 55
12	56 – 59
13	60 – 63
14	64 – 67
15	68 – 71
16	72 – 75
17	76 – 79
18	80 – 83

Red Guide Rail at Pos.	
1	40 – 43

- Mount front plates at not used positions:
 1. 36 – 39
 2. 44 – 47

3.3 Cover Plates

- Mount cover plates according to „Subrack User Manual 64560-114“



3.4 Back Plane Mounting

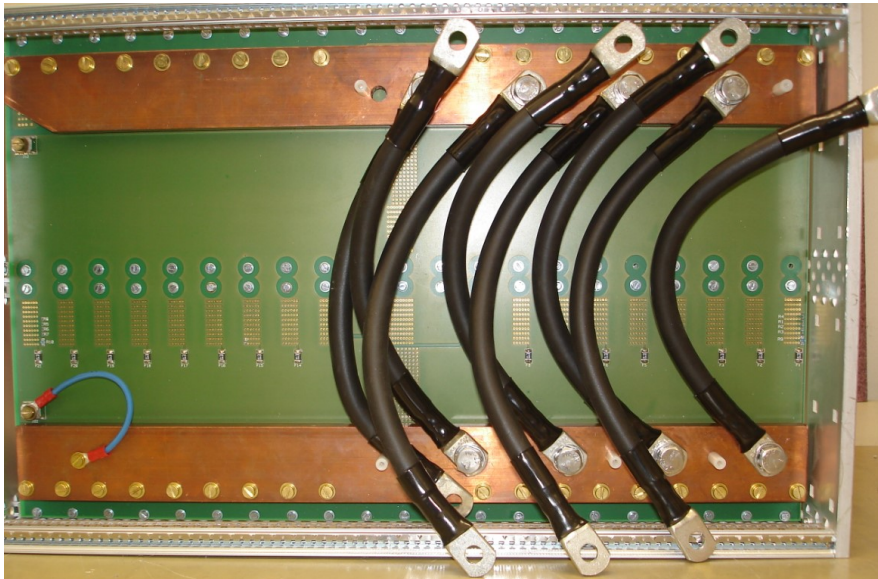
Material needed

- 84x M2,5x10mm screws
- 84x M2,5 washers
- 38x M4x10mm screws, brass
- 38x M4 washers, brass
- 38x M4 toothed locked washer, brass
- 8x distant bolts, nylon, M3x15
- Backplane L2BP1
- Copper rails (check dedicated folder)
- 8x 0.2m braided cable (black, 35mm²) with tubular lugs M8 at both ends
- 0.4m braided cable (red, 2,5mm²) with tubular lug M4 / wire end ferrule
- 0.4m braided cable (blue, 2,5mm²) with tubular lug M4 / wire end ferrule
- 0.1m braided cable (blue, 2,5mm²) with tubular lug M4 / tubular lug M4
- 1x prepared half back plate with 24V power connectors
- 1x prepared half back plate with 240VAC power connector

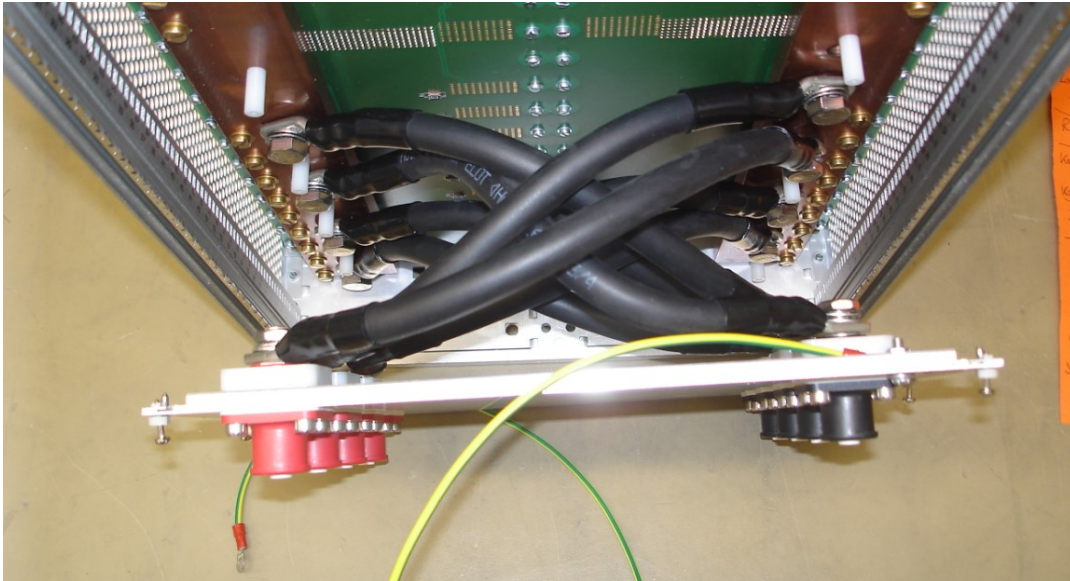


Mounting

- mount backplane L2BPx to the module rails
- mount 8 nylon distant bolts to the copper rails
- mount the copper rails to the backplane using M4 screws / washers (brass)
- attach the black power cables loosely to the copper rails



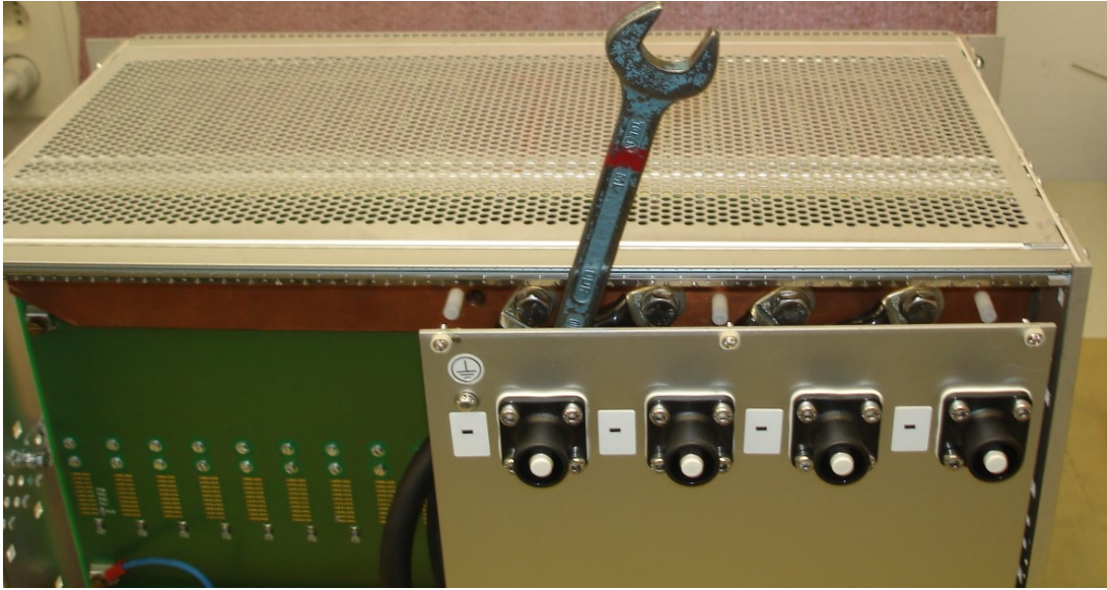
- attach the power cable and the chassis ground to the back plates power connectors



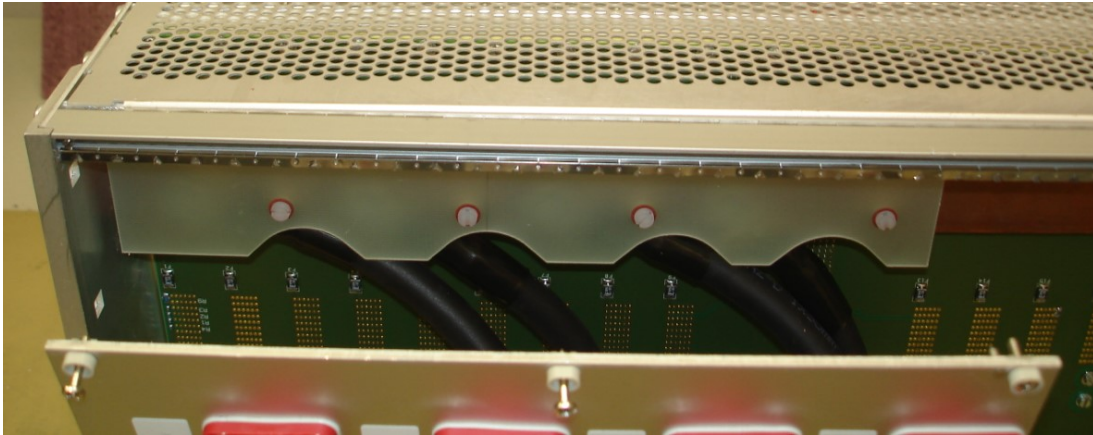
- Fix the inner power cable connection first



- Fix the outer power cable connection afterwards



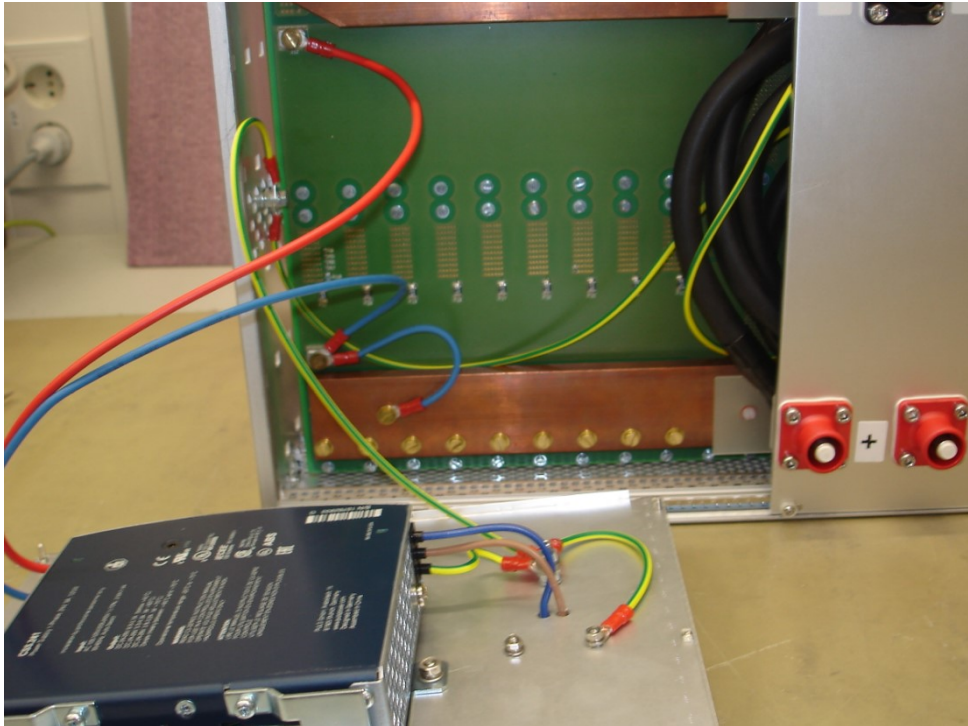
- Mount the isolating FR4 plates



- Mount the back plate



- Connect the blue (-), the red (+) of the auxiliary power supply and the chassis ground to the backplane



- Close the back side of the crate. Done !

