

RF HAMDESIGN

DC Power Supply

- 24V / 20A / 480 W
- 15V / 10A / 150 W
- Rack 19" 1U height

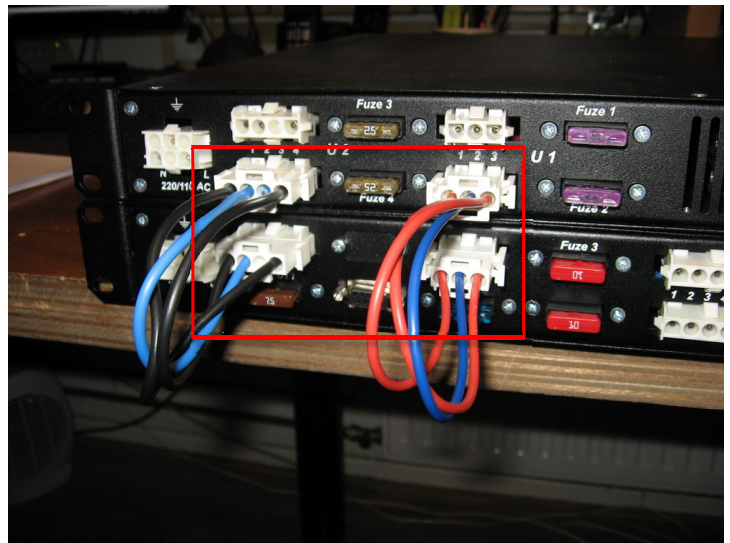


PS-01

SPID BIG-RAS/HR MD-01 & PS-01 Fast start up

Connection of the PS-01 to the MD-01

Use the Bleu/Black wired connector (4-pol) and the Bleu/Red wired connector (3-pol) to control the PS-01 / MD-01 (Picture right)



Connection of position and rotator

#1 Connect the connector for position control at the bottom site of the black water proof box

#2 Connect the AZ and EL power lines:

Open the rotator at the bottom site by removing the 4 screws which hold the cover with the 4 wire feed.

Find the 4 pole connector and connect the AZ and EL to this (AZ 1&2 / EL 3&4)

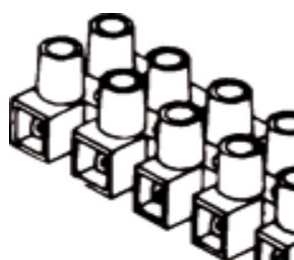
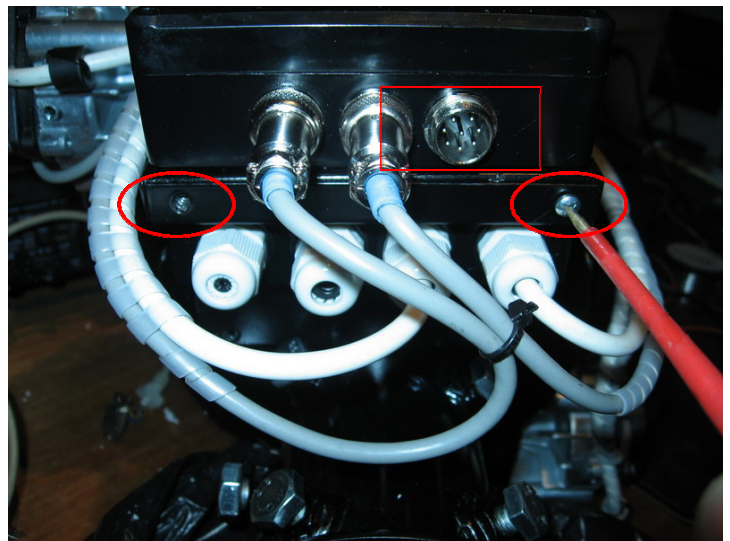
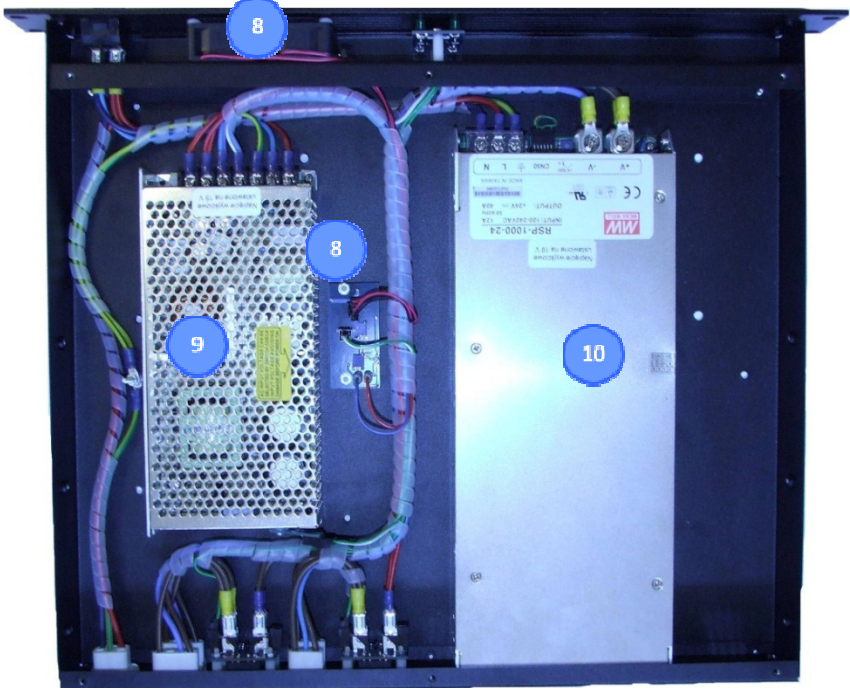


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- RSP-1000 feeder **Fout! Bladwijzer niet gedefinieerd.**
- RS-150 feeder **Fout! Bladwijzer niet gedefinieerd.**

Description



1. LED indicator lights.

- U1 – when they are on at U1 outputs (6, 7 in the photographs) there is the 15V, 5A, 150W voltage. They are used to power the electronics of other modules. RS-150-15 feeder (9 in the pictures).
- U2 – when they are on at U2 outputs (4, 5 in the photographs) there is the 22V, 25A, 1000W voltage. They are used to feed the power modules. The RSP-1000-24 (SP480-24) feeder (10 in the pictures).

2. Switch-key.

3. Supply input.

Connecting the feeder must be compatible with the description at the back – phase N, zero L, grounding (ground). To connect the feeder to the network use the appropriate cable (11 in the pictures).

4. U2 power output.

The output is connected to the RSP-1000 (SP480) feeder through its own 25A fuse. The maximum electric current from the output cannot exceed 25A. The total electric current at power outputs (4 and 5 in the pictures) cannot be higher than 45A. Above this value the feeder will turn off automatically (overcurrent protection).

5. U2 power output.

See item 4.

6. U1 Output for electronics supply.

It is connected to the RS-150-15 feeder through its own 5A fuse. The maximum electric current of the output cannot exceed 5A. The total electric current absorbed from both outputs (6 and 7 in the pictures) cannot be higher than 10A.

Above this value the feeder will turn off automatically (overcurrent protection).

7. U1 Output for electronics supply.

See item 6.

8. Fans.

After exceeding 50 degrees Celsius additional fans turn on (8 in the pictures).

Electric diagram of the feeder

