

The power supply R-RRA can be used for Kathrein UHF RFID RRU 4000 and ARU 3000 reader family. The R-RRA supplies the reader and the digital in- and outputs.



> General specifications

| | | |
|-----------------------------|--------|--------------------------------------|
| Order No. | | 52010364 |
| Type | | R-RRA3 24VDC-90W |
| Input | | |
| Voltage range | [V AC] | 90 - 264 |
| AC current (at 230 V AC) | [A ~] | typ. 1 |
| AC frequency range | [Hz] | 47 - 63 |
| Output | | |
| DC voltage | [V DC] | 24 ± 3% |
| Current range | [A] | 0 - 3.75 |
| Rated power (max.) | [W] | 90 |
| Connector | | M12 female connector 4-pole, A-coded |
| Operating temperature range | [°C] | -20 to +50 |
| Storage temperature range | [°C] | -40 to +85 |
| Weight | [kg] | 0.45 |
| Dimensions | [mm] | 145 x 60 x 32 |
| Length DC cable | [mm] | 1200 ± 50 |
| Safety standard | | EN 60950 |
| EMC standard | | EN 55022 class B |
| Standards | | CE, FCC, UL, CCC, GS |
| Housing material | | fully enclosed plastic case |

> Usable with the following readers

| RRU 4000 Reader Series | Order No. | Type |
|------------------------|---------------------|------------------------------|
| | 52010287 + 52010295 | RRU 4400 Reader Unit |
| | 52010288 + 52010296 | RRU 4500 Reader Unit |
| | 52020289 + 52010297 | RRU 4560 Reader Unit |
| | 52020290 + 52010298 | RRU 4570 Reader Unit |
| ARU 3000 Reader Series | Order No. | Type |
| | 52010291 + 52010299 | ARU 3400 Antenna Reader Unit |
| | 52010292 + 52010300 | ARU 3500 Antenna Reader Unit |
| | 52010293 + 52010301 | ARU 3560 Antenna Reader Unit |
| | 52010294 + 52010302 | ARU 3570 Antenna Reader Unit |

> Remarks

Note

- Connection to mains voltage via IEC320-C13 power cord (not included in delivery)

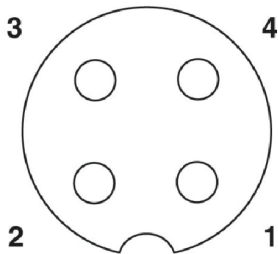
Accessories optional

- All accessories can be found at: <https://http://www.kathrein-solutions.com/products/hardware/accessories>

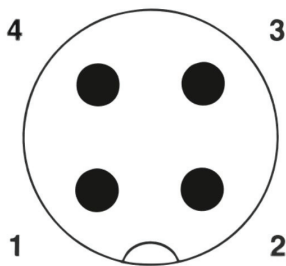
➤ **Drawings**

Schematic diagram

Cabel - M12 female connector 4-pole, A-coded



Reader - M12 male connector 4-pole, A-coded



Pin allocation

| Pin | Allocation |
|-----|------------|
| 1 | +24 V DC |
| 2 | GND |
| 3 | GND |
| 4 | +24 V DC |