

The power supply R-RPA 24DC-18W is used for Kathrein UHF RFID ARU 2400 readers and the RTLS-N nodes.



## > Features

- interchangeable AC plugs
- universal AC input/full range
- no load power consumption < 0.075W
- protections: short circuit, overload, over voltage
- LED indicator for power on
- energy efficiency level VI
- pass LPS

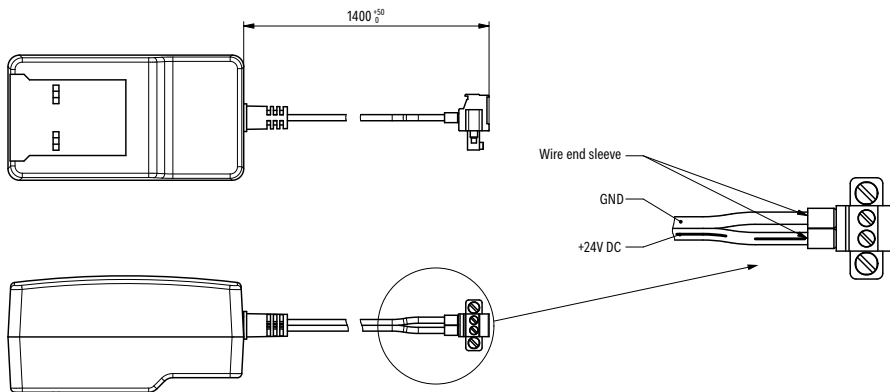
## > General Specifications

Order No.		<b>52010474</b>
Type		R-RPA 24DC-18W
<b>Input</b>		
Voltage range	[V <sub>AC</sub> ]	90-264
AC current (at 230 V <sub>AC</sub> )	[A~]	0.4
AC frequency range	[Hz]	47-63
<b>Output</b>		
DC voltage	[V <sub>AC</sub> ]	24
Current range	[A]	0-0.75
Max. rated power	[W]	18
Connector		printed circuit-board connector, 2-pole, screw connection with tension sleeve
Operating temperature range	[°C]	-10 +50
Storage temperature range	[°C]	-20 + 85
Weight	[g]	200 incl. 4 plugs, 140 g without the plugs
Dimensions (L x W x H)	[mm]	81 x 43 x 40.5
DC cable length	[mm]	1400 + 50
Safety standards		UL60950-1, CSA C22.2, TUV EN60950 -1, AS/NZS 60950.1, CCC GB4943 approved
EMC standard		EN 55032, EN 61000-3-2,3; FCC part 15; GB 9254 class B; GB 17625.1
Standards		UL60950-1, CSA C22.2, TUV EN60950 -1, AS/NZS 60950.1, CCC GB4943 approved
Material		fully enclosed plastic case

## > Suitable for the Following Devices

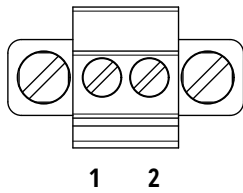
ARU 2400 Series	Order No.	Type
	52010348	ARU 2400, ETSI
	52010349	ARU 2400, FCC
RTLS-N Nodes	Order No.	Type
	53010000	RTLS-N-1000-40
	53010001	RTLS-N-1000-67

**> Dimensions [mm]**



**> Power Supply**

Printed circuit board connector 2-pole,  
 screw connection with tension sleeve



**Pinout Power Supply**

Pin	Allocation
1	GND
2	+24 V DC