

The connection boxes are required to connect the Kathrein RRU/ARU readers to a power supply. In addition, the integrated power supply unit can be disconnected from the power supply via the Connection Box using a switch. In contrast to the Basic Box CB-B2, the Advanced Box CB-A2 also allows the connection of the GPIOs via a terminal panel to actuators (e.g. warning light) or sensors (e.g. light barrier). These connection boxes are mainly used in industrial plants or in the outdoor area



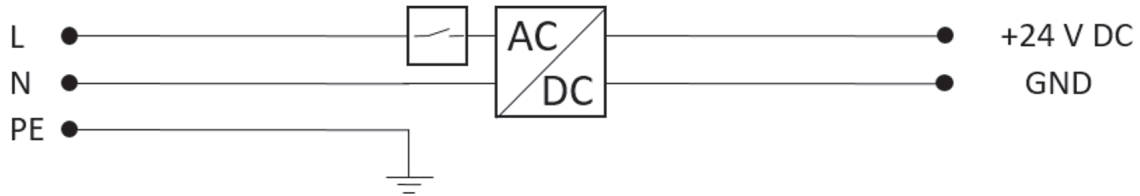
> General Specifications

Order No.	52010539		52010540	
Type	CB-A2		CB-B2	
Input				
Voltage range	[V _{AC}]	100–240		
AC current @ 230 V _{AC}	[A~]	typ. 0.6		
AC frequency range	[Hz]	44–66		
GPIO		12 pins/ 4x input/4x output		
Ethernet RJ45		1x		
Output				
Voltage range	[V _{DC}]	24		
DC current	[A]	0 – 2.5		
Rated power, max	[W]	60		
GPIO		12 pins/ 4x input/4x output		
Ethernet RJ45		1x		
Operating temperature range	[°C]	–25 to +55		
Storage temperature range	[°C]	–40 to +85		
Weight	[kg]	3.6	1.8	
Dimensions	[mm]	250x250x130		
Standards		CE		
Housing material		plastic case, polyester		

> Key Applications

- industrial installation for AutoID devices
- Protected outdoor connection
- supply for DC, GPIO and Ethernet
- defined DC switch-off

> **Block Diagram**



> **Usable with the Following Readers**

RRU 4000 Reader Series	Order No.	Type
	52010287 + 52010295	RRU 4400 Reader Unit
	52010288 + 52010296	RRU 4500 Reader Unit
	52010289 + 52010297	RRU 4560 Reader Unit
	52010290 + 52010298	RRU 4570 Reader Unit
ARU 3000 Reader Series	Order No.	Type
	52010291 + 52010299	ARU 3400 Reader Unit
	52010292 + 52010300	ARU 3500 Reader Unit
	52010293 + 52010301	ARU 3560 Reader Unit
	52010294 + 52010302	ARU 3570 Reader Unit
ARU 2400 Reader Series	Order No.	Type
	52010348 + 52010349	ARU 2400 Reader Unit
ARU 8500 Reader Series	Order No.	Type
	52010340 + 52010341	ARU 8500 Reader Unit

> **Accessories (Recommended Connection Cables)**

Order No.	Function	Number of Pins
52010358 + 52010359	RRU/ARU DC power cable 10 m/3 m	4
52010360 + 52010361	RRU/ARU DC Ethernet cable 10 m/3 m	8 RJ45
52010362 + 52010363	RRU/ARU DC GPIO cable 10 m/3 m	12

> **Safety Note**

> **WARNING**

Danger to life from electric shock! Fire hazard!

Improper interventions in the device may jeopardise its electrical safety. Unauthorized changes to the unit and the use of spare parts and peripheral devices which are not sold or recommended by the manufacturer can result in fire, electric shock and injuries. The manufacturer accepts no liability for accidents caused by the user opening or changing the device.

- ▶ Make sure that the connection of the area marked □ in the figure below is carried out by properly qualified and trained staff..

