

Fig. 1

Equipment connections and operating elements PCC-0524

Fig. 1

- 1 DC input 24 V
- 2 DC output 24 V, buffered
- 3 Signal LED
- 4 Buffer time setting 1 to 60 (min), maximum (∞).
- 5 Setting the connected energy storage device.
- 6 Signal and control contacts
- 7 Battery (+-) = +24 V / OV Connection for battery module

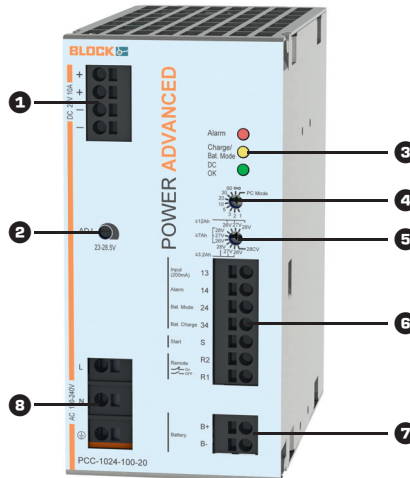


Fig. 2

Equipment connections and operating elements PCC-1024

Fig. 2

- 1 DC output 24 V, buffered
- 2 PCC-1024: Output voltage setting 23 ... 28.5 V DC
- 3 Signal LED
- 4 Buffer time setting 1 to 60 (min), maximum (∞).
- 5 Setting the connected energy storage device.
- 6 Signal and control contacts
- 7 Battery (+-) = +24 V / OV Connection for battery module
- 8 PCC-1024 only: AC input 100 to 240 V AC

Installation

1. Wiring the device

Wire the device according to the wiring diagram. The PCC-0524 requires an external 24 Vdc power supply (Fig. 3 + 4).

PCC-0524-xxx-00:
Wiring

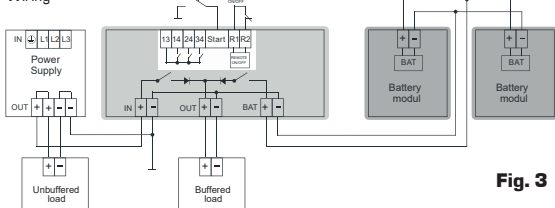


Fig. 3

PCC-1024-xxx-20:
Wiring

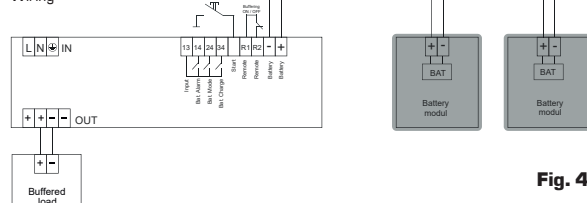
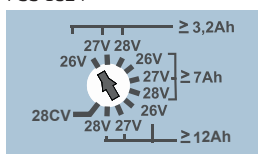


Fig. 4

2. Setting the energy storage device with the charging voltage

Use the rotary switch (5) to set the connected energy storage device to the desired charging voltage (Fig 5 + 6).

PCC-0524



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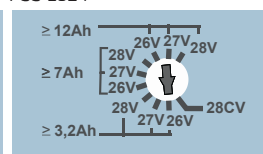


Fig. 5

PCC-1024-050-20

Selection battery module	Charging current	Charging voltage		
		26V	27V	28V
0.8Ah		200mA		
3.2Ah		800mA		
7Ah		1800mA		

PCC-0524-xxx-00
PCC-1024-100-20

Selection battery module	Charging current	Charging voltage		
		26V	27V	28V
3.2Ah		800mA		
7Ah		1800mA		
12Ah		3000mA		

Fig. 6

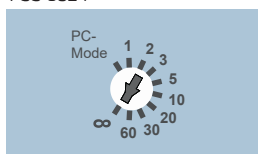
Note:

When setting the charging voltage, observe the max. ambient temperature and the battery manufacturer's specifications!

3. Setting the buffer time

Use the rotary switch (4) to set the desired buffer time (Fig. 7).

PCC-0524



PCC-1024

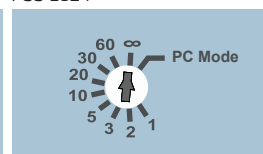


Fig. 7



Note:
A detailed description can be found in the device manual, which is available for free download on the product page at www.block.eu.
Reversing the polarity of the battery connections will trip the fuse in the battery module and may cause further damage to the device.
The cable length must not exceed 30 m to ensure that the system functions properly.
Only use battery modules with integrated fuses to reliably protect the system and connected devices.