

UPS control unit

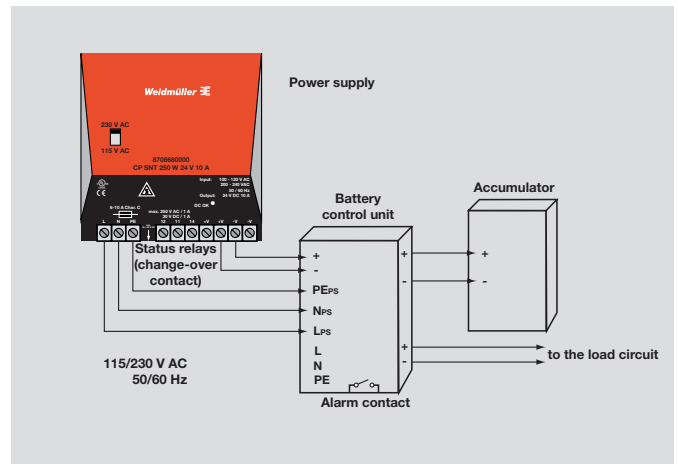


When the power supply fails, UPS control units take over the 12/24 V DC power supplies to the installation within seconds, and guarantee plant availability for a defined length of time.

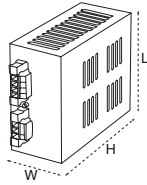
Professional signalling guarantees that all relevant signal statuses can be evaluated on the spot. Critical statuses can also be immediately redirected to a higher-level controller.

The battery module undertakes complete battery management of the connected lead-acid batteries. Constant charging and discharging plus electronic overcurrent protection guarantee an extremely long operational lifetime for the batteries.

Switch-mode power supplies, battery control unit and battery providing an uninterrupted power supply.

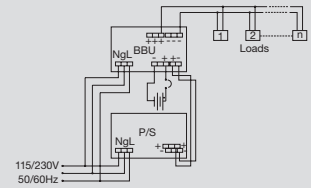
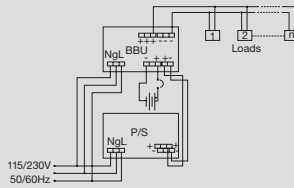


connectPower



CP-BBU 115-230 V AC / 12 V DC

CP-BBU 115-230 V AC / 24 V DC



Technical data

Input

Input voltage
Input current
Input frequency
Input fuse
Making current limit
Surge protection

85...265 V AC; 120...300 V DC; typ.115-230 V AC ±10%
0.8 A @ 115 V AC; 0.5 A @ 230 V AC
50/ 60 Hz
2 A slow-blow fuse (internal)
Thermistor
Varistor

85...265 V AC; 120...300 V DC; typ.115-230 V AC ±10%
1 A @ 115 V AC; 0.6 A @ 230 V AC
50/ 60 Hz
2 A slow-blow fuse (internal)
Thermistor
Varistor

Output

Output voltage
Output current
Mains failure bridge-over time
Battery charging current
Battery voltage
Control at input voltage

12 V DC
max. 15 A / max 9.2 A for power supplies

2.00 A
13.65 V
0.2 %

24 V DC
max. 15 A / max 9.0 A for power supplies

3.00 A
27.3 V
0.2 %

General data

Operating temperature
Storage temperature
Status indication

-20 °C...+50 °C
-20 °C...+85 °C
LED green (Full Charge): Battery voltage > 14.75 Vdc
LED yellow (Battery Low): Battery voltage < 11 Vdc
LED yellow (Chargin): BBU charges Battery
LED red (Fault): no AC input voltage
LED red (Battery Reverse): Battery polarizing

-20 °C...+50 °C
-20 °C...+85 °C
LED green (Full Charge): Battery voltage > 29.5 Vdc
LED yellow (Battery Low): Battery voltage < 22 Vdc
LED yellow (Charging): BBU charges Battery
LED red (Fault): no AC input voltage
LED red (Batterie Reverse): Battery polarizing fault
LED red (Battery open): no battery connected

Standards
EMC standards
Approvals

EN 50178, EN 60950, IEC950
EN 55011, EN 55022, EN 55024, EN 61000-6-2, 3
CSA;UL/UR;CE;

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Dimensions

Clamping range (rating- / min. / max.) mm²
Length x width x height mm

Screw connection

4 / 0.1 / 4
161 x 72.5 x 127.5

Screw connection

4 / 0.1 / 4
161 x 72.5 x 127.5

Note

Ordering data

Connection system

Screw connection

Type	Qty.	Order No.
CP-BBU 115-230VAC / 12VDC	1	9916280012

Type	Qty.	Order No.
CP-BBU 115-230VAC / 24VDC	1	9916280024

Note

Accessories

Note

Bracket for wall mounting: 7920560000

Bracket for wall mounting: 7920560000