



BOSCH

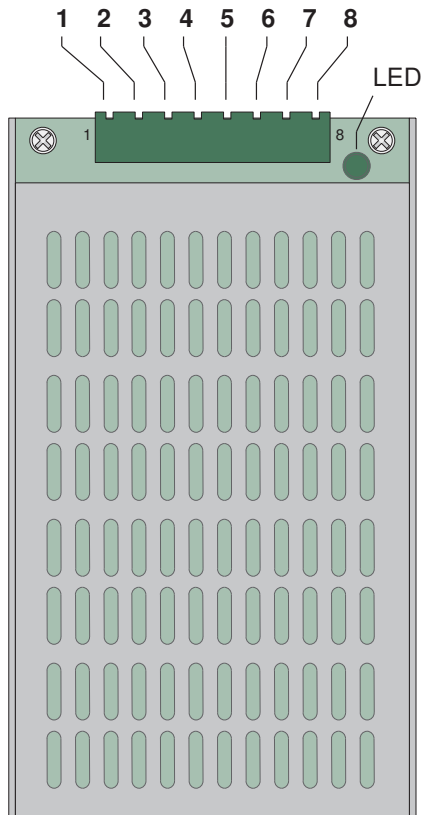
Invented for life

UPS 2416 A Universal Power Supply



The UPS Power Supply Unit is a plug-and-play power supply for the entire power supply to the control panel.

System Overview



Pos.	Description	Connector
1-3	ACL/ACN/G	Mains supply
4/5	DC+ / DC-	27 V DC output pos./neg.
6	FAULT	Mains fault
7/8	RTH+ / RTH-	Thermal sensor pos./neg.

Functions

The Power Supply is protected against pole reversal and overvoltage.

The output voltage is monitored and regulated via the thermal sensor. If there is a fault, the FAULT output drops to 0 V.

A green LED on the Universal Power Supply indicates operativeness.

Installation/Configuration Notes

- The Power Supply Unit is inserted into a Power Supply Bracket and is thus immediately ready for operation.

Parts Included

Type	Qty.	Components
UPS 2416 A	1	Universal Power Supply 24 V/5 A

Technical Specifications

Electrical

Input voltage	100 V AC ... 240 V AC
Input frequency range	50 Hz ... 60 Hz
Efficiency	> 85 %
Back-up time	> 16 ms bei 115 V AC
Output voltage	26 V DC ... 29 V DC (temperature-dependent) Nominal 26.8 V DC at 40°C
Max. output current	6 A
Max. power	160 W (permanent)

Mechanics

Cooling	Ventilation without ventilator
Housing material	Aluminum, anodized
Housing color	Matt black
Dimensions	Approx. 200 x 100 x 40 mm (7.9 x 3.9 x 1.6 in.)
Weight	Approx. 780 g (27.5 ounces)

Environmental conditions

Permitted operating temperature	-5 °C ... 50 °C (23 °F ... 122 °F)
Permitted storage temperature	-20 °C ... 60 °C (-4 °F ... 140 °F)
Permitted relative humidity	95 %, non-condensing

Ordering Information

UPS 2416 A Universal Power Supply	UPS 2416 A
plug-and-play power supply for the entire power supply to the control panel.	

Accessories

CPB 0000 A Cable BCM/UPS	CPB 0000 A
Used to connect the BCM-0000-B Battery Controller Module to a UPS Power Supply, cable length 150 cm	

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