



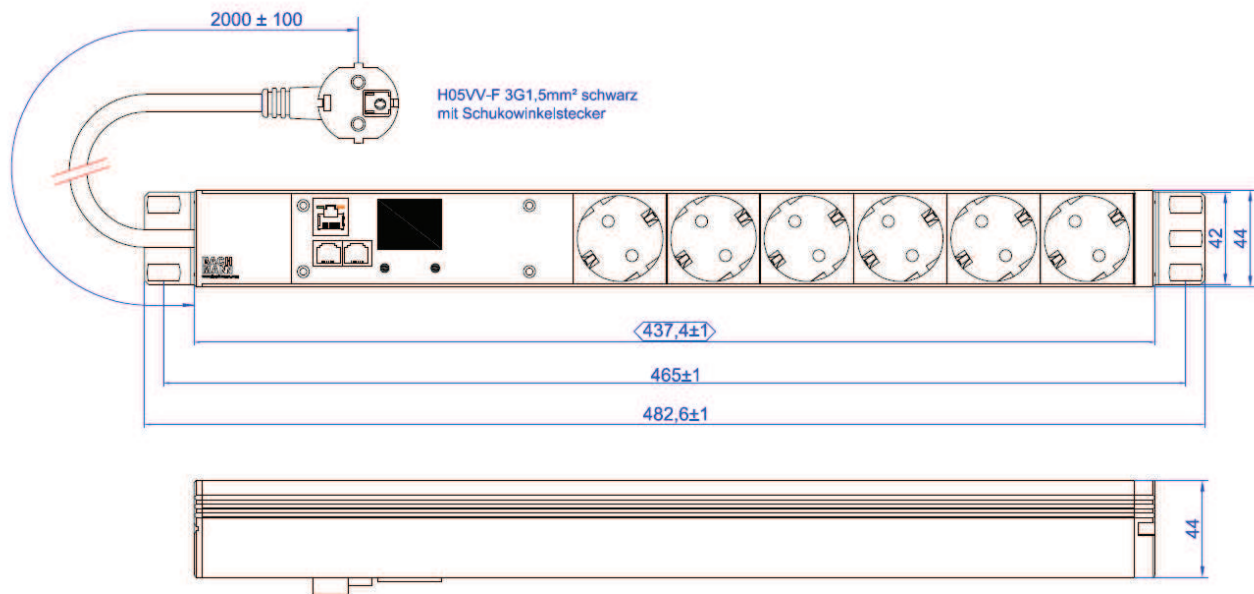
# Bachmann BlueNet

Technical Specifications / Technische Daten

Monitored 329.3009

**BlueNet**

**BACH  
MANN**



## Overview

**Integrated measurement of current, active power, voltage, frequency, power factor, apparent and reactive power**

- Built-in Ethernet port
- Easy to use via a web browser
- Built-in temperature sensor
- Supports up to two sensors
- High-resolution TFT display
- Display can be rotated by software for better readability

## Specifications

### Physical

#### Profile

Aluminium anodized

#### Mounting Brackets

Steel Sheet Metal  
Rotatable in 90° steps

#### Sockets

#### Plastic Material

PA6 GF 30 V1, Glow wire resistant 850°C

#### 6 German socket outlets

2-pole with earth contact  
16A/250VAC, IP20

#### Connection

2,0m H05VV-F 3G1,5mm<sup>3</sup> black with German right angled plug

## Übersicht

**Integrierte Messung von: Strom, Wirkleistung, Spannung, Frequenz, Power Faktor, Schein- und Blindleistung**

- Integrierter Ethernetanschluss
- Bedienung mittels Webbrowser
- Integrierter Temperatursensor
- Anschlussmöglichkeit von bis zu zwei Sensoren
- Hochauflösendes TFT Display
- Anzeige kann per Software zur besseren Ablesbarkeit gedreht werden

## Spezifikationen

### Mechanik

#### Profil

Aluminium eloxiert

#### Haltewinkel

Stahlblech  
Montage in 90° Schritten Möglich

#### Steckdosen

#### Kunststoff

PA6 GF 30 V1, Glühdraht-Prüfung 850°C

#### 6 Schutzkontaktsteckdosen

2-polig mit Schutzkontakt  
16A/250VAC, IP20

#### Zuleitung

2,0m H05VV-F 3G1,5mm<sup>3</sup> black with German right angled plug

## Environmental

### Maximum Elevation

0 – 3,000m

### Temperature (Operating / Storage)

-5 to 50° C / -15 to 65°C

### Relative humidity

5-95% RH. Non-condensing

## Compliance

### EMC Verification

EN 55022 Class A, EN55024, EN 61000 3-2 Class A

## Features

### Supported network protocols

IPv4  
DHCP  
http (can be disabled)  
SNMPv2  
NTP

### Measurement electronics

### Measurement accuracy

+/- 1%

## Umgebungsbedingungen

### Maximale Höhe

0 – 3,000m

### Temperatur (Betrieb / Lagerung)

-5 to 50° C / -15 to 65°C

### Luftfeuchtigkeit

5-95% RH. Non-condensing

## Konformität

### EMV

EN 55022 Klasse A, EN55024, EN 61000 3-2 Klasse A

## Features

### Unterstützte Netzwerkprotokolle

IPv4  
DHCP  
http (abschaltbar)  
SNMPv2  
NTP

### Messelektronik

### Messgenauigkeit

+/- 1%

Channels			
	Active Energy (kWh)	Active Power (W)	Current (A)
CH1 L1	5.090	8	0.06
CH2 L2	23.042	9	0.11
CH3 L3	10.315	1	0.00
CH4 N			0.12

Groups			
Pre-defined	Active Energy (kWh)	Active Power (W)	Current (A)
Total CH1-3	38.623	17	0.17

Environment	
	Temperature (°C)
Internal Sensor	22.7
External Sensor 1	25.6

Überwachungsübersicht / Monitoring overview

Analyzer							
	P (W)	Q (var)	S (VA)	U (V)	I (A)	PF	f (Hz)
CH1 L1	6	-5	14	227.6	0.06	0.445	50.00
CH2 L2	10	-13	24	222.4	0.11	0.396	50.00
CH3 L3	1	0	1	224.1	0.00	1.000	50.00
CH4 N					0.12		

Groups				
Pre-defined	P (W)	Q (var)	S (VA)	I (A)
Total CH1-3	17	-18	39	0.17

Leistungsüberwachung im Detail / Power monitoring in detail

General	
Device label	BlueNet-000770
Hostname	bluenet.000770

Network configuration	
Enable	<input checked="" type="checkbox"/>
Method	DHCP
IP address	
Netmask	
Gateway	

SNMP	
Enable	<input checked="" type="checkbox"/>
Community	public
Location	
Contact	

Miscellaneous	
Web server	open
Telnet enable	<input checked="" type="checkbox"/>
SNTP server	
Temperature offset	

Systemeinstellungen / System settings

Create new user	
Username	<input type="text"/>
Type	Choose type
Password	<input type="password"/>
<input type="button" value="Create user"/>	

Modify user	
User	Choose user
Username	<input type="text"/>
Type	Choose type
Password	<input type="password"/>
<input type="button" value="Modify user"/>	

Delete user	
User	Choose user
<input type="button" value="Delete user"/>	

Benutzerverwaltung / User management



**Bachmann GmbH & Co. KG**

Ernstthalenstr. 33 / 70565 Stuttgart / Deutschland

Telefon +49 711 866 02-0 / Telefax +49 711 866 02-34

info@bachmann.com / www.bachmann.com