

## Qualified by certification

**BlueNet**

2.77 kW 230V  
50 Hz 15°  
P 1 12,5A  
1586,9 kWh

Authorised partners are best placed to devise energy efficiency management solutions and to select the BlueNet products required, as well as providing a properly qualified support service. The BlueNet certification system ensures that users obtain an optimal consultation and sales service.

## The 3 steps to optimum customer satisfaction

### Certified partner

- Sales partners for end customers
- Electrical engineering and IT system vendors
- Consultants and planners



### Distribution partner

- Wholesale and distribution
- Preferred sales for certified and professional partners



### Professional partner

- Provides detailed technical consultancy and sales
- Data centre consultants and planners
- IT service providers



**BACHMANN**

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# Bachmann BlueNet

Recognising and tapping into energy efficiency potential

**BlueNet**

**BACHMANN**

## Power monitoring and display

Bachmann's BlueNet range creates optimal conditions for efficient power management. In order to monitor and control energy costs it is first necessary to know where and when they arise. The Bachmann BlueNet system provides all relevant data such as energy consumption, voltage, power and more. BlueNet monitors IT systems and clearly displays the data captured.

## Capacity planning

Know what's running. By measuring individual loads, administrators can carry out effective planning for their data centre. They can then distribute loads so well that failures due to circuit overloads no longer occur.

## Security

Automated notification when threshold values are reached informs the user by e-mail and SNMP before a fault can develop. Restarts controlled by web link further increase availability and flexibility.

## Web-based evaluation and control

The data captured by BlueNet is evaluated centrally on a web-based system. Thus the user obtains not only an exact energy cost overview but also information on available load reserves and on possible intervention options in terms of power supply.

## Save energy

For an exact analysis of power consumption in data centres, BlueNet is the ideal solution. It enables administrators to select servers for a virtualisation or for decommissioning. By performing a before/after comparison of energy consumption, savings on power costs can be included in budget planning.



## Product features at a glance

BlueNet partner network products					
Features	Metered	Metered Plus	Monitored	Switched	Managed
<b>Measurement</b>					
Power	●	●	●	—	●
Voltage	—	●	●	—	●
Phase angle	—	●	●	—	●
Frequency	—	●	●	—	●
Energy	—	●	●	—	●
Reactive power	—	—	●	—	●
Effective power	—	●	●	—	●
Apparent power	—	—	●	—	●
Power factor	—	—	●	—	●
Neutral conductor monitoring	—	—	O	—	O
Measurement per phase	●	●	●	—	●
<b>Switching</b>					
Can be switched individually	—	—	—	●	●
Switching status monitoring	—	—	—	●	●
<b>Mounting</b>					
19 inches	●	●	depends on model	depends on model	—
Zero-U Space	●	●	●	●	●
<b>Network</b>					
Ethernet (10/100 MBit/s)	—	—	●	●	●
HTTP	—	—	●	●	●
HTTPS	—	—	●	●	●
SSH	—	—	●	●	●
DHCP	—	—	●	●	●
SMTP	—	—	●	●	●
SNMP	—	—	●	●	●
Syslog	—	—	●	●	●
NTP	—	—	●	●	●
Alarm (SMTP, SNMP)	—	—	●	●	●

● yes; — no; O optional

### BlueNet Metered

Art. no.	Version
<b>19" 1 U, integrated ammeter</b>	
2.0 m H05VV-F 3G1.5mm <sup>2</sup> with 16 A right-angled earthing contact plug, incl. mounting bracket	
333.808	· 7 socket outlets with earthing contact
333.810	· 8 IEC 320 C13 socket outlets · Lockable sockets (see accessories in main catalogue)
333.862	· 7 IEC 320 C19 socket outlets

### BlueNet Metered Plus

Art. no.	Version
<b>19" 1 U, integrated power metering</b>	
2.0 m H05VV-F 3G1.5mm <sup>2</sup> with 16 A right-angled earthing contact plug, incl. mounting bracket	
329.213	· 6 socket outlets with earthing contact
329.214	· 8 IEC 320 C13 socket outlets · Lockable sockets (see accessories in main catalogue)
329.215	· 6 IEC 320 C19 socket outlets

### BlueNet Monitored

Art. no.	Version
<b>19" 1 U, integrated power metering, network compatible</b>	
2.0 m H05VV-F 3G1.5mm <sup>2</sup> with 16 A right-angled earthing contact plug, incl. mounting bracket	
329.600	· 6 socket outlets with earthing contact
329.601	· 8 IEC 320 C13 socket outlets · Lockable sockets (see accessories in main catalogue)
329.602	· 6 IEC 320 C19 socket outlets

<b>Vertical mounting (Zero U-Space), integrated power metering, network compatible</b>	
3-phase, connection via plug-in connector, incl. mounting bracket	
329.604	· 24 IEC 320 C13 socket outlets (8 per phase) · 6 IEC 320 C19 socket outlets (2 per phase) · C13 lockable sockets (see accessories in main catalogue) · Groups of pots with 16A fuses (8 C13, 2 C19) · Phases colour-coded in red, black and grey · Incl. 2.0m Ölflex 5G4mm <sup>2</sup> supply cable with 32 A CEE plug
329.605	· 12 IEC 320 C19 socket outlets · Phases colour-coded in red, black and grey · Pots in groups of two with 16A fuses · Incl. 2.0m Ölflex 5G4mm <sup>2</sup> supply cable with 32 A CEE plug
329.606	· 24 socket outlets with earthing contact (8 per phase) · Groups of pots with 16A fuses (4 earth contacts) · Phases colour-coded in red, black and grey · Incl. 2.0m Ölflex 5G4mm <sup>2</sup> supply cable with 32 A CEE plug

### BlueNet Switched

Art. no.	Version
<b>19" 1 U, individually switchable socket outlets, network compatible</b>	
2.0 m H05VV-F 3G1.5mm <sup>2</sup> with 16 A right-angled earthing contact plug, incl. mounting bracket	
329.700	· 8 IEC 320 C13 socket outlets · Lockable sockets (see accessories in main catalogue)
329.702	· 6 socket outlets with earthing contact

<b>Vertical mounting (Zero U-Space), individually switchable socket outlets, network compatible</b>	
3-phase, connection via plug-in connector, incl. mounting bracket	
329.701	· 16 IEC 320 C13 socket outlets · Lockable sockets (see accessories in main catalogue)
329.703	· 24 IEC 320 C13 socket outlets (8 per phase) · 6 IEC 320 C19 socket outlets (2 per phase) · C13 lockable sockets (see accessories in main catalogue) · Groups of pots with 16A fuses (8 C13, 2 C19) · Phases colour-coded in red, black and grey · Incl. 2.0m Ölflex 5G4mm <sup>2</sup> supply cable with 32 A CEE plug
329.704	· 12 IEC 320 C19 socket outlets · Phases colour-coded in red, black and grey · Pots in groups of two with 16A fuses · Incl. 2.0m Ölflex 5G4mm <sup>2</sup> supply cable with 32 A CEE plug
329.705	· 24 socket outlets with earthing contact (8 per phase) · Groups of pots with 16A fuses (4 earth contacts) · Phases colour-coded in red, black and grey · Incl. 2.0m Ölflex 5G4mm <sup>2</sup> supply cable with 32 A CEE plug

### BlueNet Managed

Art. no.	Version
<b>Vertical mounting (Zero U-Space), individually switchable socket outlets, power metering per phase, network compatible</b>	
3-phase, connection via plug-in connector, incl. mounting bracket	
329.800	· 24 IEC 320 C13 socket outlets (8 per phase) · 6 IEC 320 C19 socket outlets (2 per phase) · C13 lockable sockets (see accessories in main catalogue) · Groups of pots with 16A fuses (8 C13, 2 C19) · Phases colour-coded in red, black and grey · Incl. 2.0m Ölflex 5G4mm <sup>2</sup> supply cable with 32 A CEE plug
329.801	· 12 IEC 320 C19 socket outlets · Phases colour-coded in red, black and grey · Pots in groups of two with 16A fuses · Incl. 2.0m Ölflex 5G4mm <sup>2</sup> supply cable with 32 A CEE plug
329.802	· 24 socket outlets with earthing contact (8 per phase) · Groups of pots with 16A fuses (4 earth contacts) · Phases colour-coded in red, black and grey · Incl. 2.0m Ölflex 5G4mm <sup>2</sup> supply cable with 32 A CEE plug

