

► BrunataNet GateLAN

BrunataNet GateLAN is a data collection unit, which retrieves data either from a BrunataNet GateReceiver (radio receiver with a Bbus/RS485 network) or data from meters, which are connected via an M-Bus network. At certain intervals, these data will be sent to Brunata's database server via the internet. If the BrunataNet GateLAN loses its internet connection, the data will be saved locally in the BrunataNet GateLAN until connection to the internet is restored. If the BrunataNet GateLAN is connected to the internet behind a firewall, no special configuration of the firewall is required. The firmware in BrunataNET GateLAN can be updated via the internet.



Manufacturer data

| | |
|-------------------------|---|
| Manufacturer | Brunata a/s |
| Label | BrunataNet GateLAN |
| Type | Data collection unit |
| Function | Sends data to Brunata's server via the internet |
| Weight | 1100 g |
| Mechanical measurements | 254 mm x 173 mm x 111 mm |
| Mounting | 4 interior holes for fastening |
| Degree of tightness | IP51 |

Electrical

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|-------------------------|--|
| Connecting voltage | 90-264 VAC (120-370 VDC) |
| Frequency | 47-63Hz |
| Electricity consumption | 0,4 A max at 230 VAC |
| Socket protection | Internal 3,15 A fuse in null and phase |
| Network disconnecter | None |
| Net conductor | 2 m |

Ethernet

IP address is assigned by the DHCP server, TCP/IP ports 1140 - 1149

Environment

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|-----------------------|-----------------|
| Storage temperature | -20 °C to 85 °C |
| Operation temperature | 0 °C to 55 °C. |
| Humidity | Max 95% RH. |

Standards and EU directives

The power supply is in accordance with the following EU directives and harmonisation standards:

73/23/EEC (Low voltage directive).
2004/108/EC (EMC directive).

EU declaration of conformity:

EMC; Immunity EN61000-6-2 (industry),
EMC; Emission EN61000-6-3 (residence)
LVD; EN61010-1

The BrunataNet GateLAN is available in the following versions:

| Version | Part number | Description |
|-------------------------------|-------------|--|
| BrunataNet GateLAN Bbus/RS485 | 44-0660-A | This version contains a BrunataNet Repeater Bbus with 5 outlets where up to 64 Gate-Receiver can be connected. |
| BrunataNet GateLAN Mbus/RS485 | 44-0661-A | 20 HG meters can be connected to this version. The HG meters must have an RS485 communication card installed. Or it can be used together with an external Mbus master with RS485 outlet. |
| BrunataNet GateLAN Mbus/RS232 | 44-0663-A | This version is used together with an external M-Bus master with RS232 outlet. |
| BrunataNet GateLAN Mbus/TTL | 44-0664-A | This version is used together with an external M-Bus master with a galvanic outlet (optocoupler). |

Brunata is a 100% Danish owned company. We have more than 90 years of experience within developing and producing heat cost allocators, heating accounts and meter service. We have a quality control system fulfilling DS/EN ISO 9001 and 14001. Please contact us if you have any questions or would like further information.