

## 436 BACnet Gateway Installation Guide



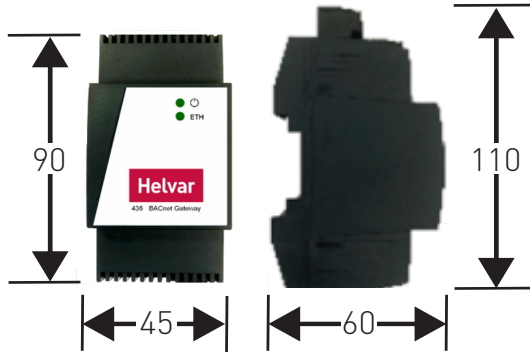
*Isolate the power supply to the enclosure prior to fitting this unit.*



*Installation of unit must be performed by a qualified engineer.*

*Installation engineer must ensure the safety and compliance of all equipment.*

# Dimensions (mm)



## DIN Rail Mounting

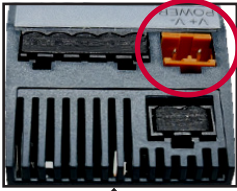
- 1) Position the 436 BACnet Gateway on the top of the DIN rail, and firmly push the bottom of the unit until secured in 'clicks' into place.
- 2) Ensure clearance to allow the cables to be connected.
- 3) Connect network.



## Connection

**V+** (Right) Positive power supply terminal

**V-** (Left) Negative power supply terminal



### Power Supply

2-Pin terminal port, 24 VDC required.

### Power Input

Up to 300mA @ 24 VDC



*Always use a reinforced isolated power supply.*

### User Interface

LEDs indicate the current status:



- Power

**ETH** - Detected TCP/IP communications traffic



### Ethernet Comms (ETH)

Provides Helvar Router and BACnet/IP connectivity

### Cable


Type - TIA/EIA-568B Cat 5 twisted pair

Length - 100 m

### IP Address

10.254.0.100

# Technical Data

Connections	
Connections type:	1 × 10/100 Mb/s for TCP/IP
Default IP address:	10.254.0.100
Default subnet mask:	255.0.0.0
Power input:	9 - 24 VDC
Power Consumption:	300 mA @ 24 VDC
Mechanical Data	
Dimensions: excluding connectors:	90 mm x 45 mm x 60 mm
including brackets:	110 mm x 45 mm x 60 mm
Weight:	120 g
Operating and Storage Conditions	
Operating temperature:	0 °C to +40 °C
Storage temperature:	-20 °C to +80 °C
Relative humidity:	Max. 90%, noncondensing
Conformity and Standards	
Conformity:	
EMC emission:	EN 63044-5-1
EMC immunity:	EN 63044-5-2
Environment:	Complies with WEEE and RoHS directives
Compatibility	
Helvar router firmware:	v5.8.5.6 and above
Web browsers:	Firefox, Chrome

## Access Documentation

To find your local Helvar representative please visit [www.helvar.com](http://www.helvar.com)

*Note: Product documentation is also available after product Login:*

- i) Press 'Support page' to launch library page*
- ii) Press the document link to access product related technical documentation*
- iii) Press 'Helvar Search' to save the 436 BACnet Gateway search tool.*

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