Versatronik® 515 BACnet Type B Gateway

Applicable Gateways
Versatronik 515 NR2/BACIP Type B
Versatronik 515D NR2/BACIP Type B

KWE
Technologies
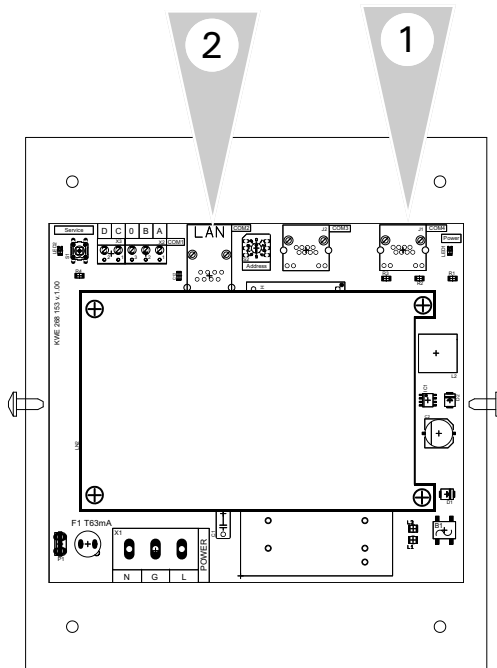**Group**

Quick Start-up Assistant

Important information before you get started

This device is not plug and play. A few configuration variables will need to be set before the device becomes usable. The boiler controls need to be configured for single boiler and participant numbers should be set.
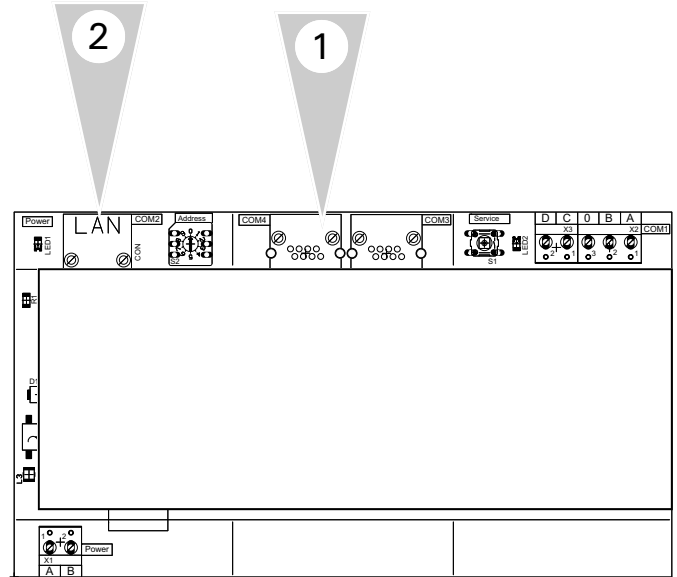
Connections
1. COM4 - RJ45 connector to NR2 controls
2. COM2 RJ45 connector to BMS IP network

120VAC Versatronik 515 NR2/BACIP

24VAC Versatronik 515D NR2/BACIP

NOTE:

The information provided in this Quick Start Up Guide is only offered as a supplement to the Versatronik gateway installation manual and does not replace the manual in whole or in part.

Versatronik 515 BACIP Quick Start Up

BACnet IP address and Node settings
The IP address and BACnet ID can be set through a web-interface. By default you can find this page at http://192.168.88.89/admin and login using the user name / password "admin" and "admin", you will need to change your computer's address to 192.168.88.90.

*See the User Guide for detailed information on how to gain access.

The Versatronik 515 NR2 / BACIP Type-B gateway has to be configured with the participant numbers (Node IDs) of the NR2 boiler controls. The addresses for boilers 1 through 16 should be entered in AO1-16.

When controlling the boilers special attention needs to be given to the Command State (AO3xx_); you can either control the boilers based on a modulation % (Boiler On), or a temperature set point (Auto Mode.)

Configuration variables

Point	Point Description	Unit	Details
AI1-16	Boiler 1-16 Fault	N/A	See alarm appendix in user guide.
AI101-116	Boiler 1-16 Relay State	N/A	Bit[0] = Burner Fault Bit[1] = Burner 1st Stage Bit[3] = Boiler Pump
AI201-216	Boiler 1-16 Effective Set Point	N/A	
AI301-316	Boiler 1-16 Supply Temperature	N/A	
AI401-416	Boiler 1-16 State	%	
AO1-16	Boiler 1-16 Address	N/A	Participant number (Node ID, Address 77)
AO101-116	Boiler 1-16 Set Point	N/A	Minimum Set point (Command state = Auto)
AO201-216	Boiler 1-16 Command Value	%	Minimum Output (Command state = Boiler On)

AO301-316	Boiler 1-16 Command State	N/A	0 = Boiler Off
			1 = Boiler On
			   Boiler runs based on Command Value
			-1 (0xFF) = Auto Mode
			   Boiler runs based on Set Point

AO400	Units	N/A	Unit settings – 0 = °C, 1 = °F

*See the User Guide for more detailed instructions (www.kwe-tech.com)

IMPORTANT

Read and save these instructions for future reference