MONITOR | MANAGE | MAINTAIN
Smart devices and systems for
building management and control

Vericon Systems

BCM Data sheet

Description

BCM is the agnostic boiler control module that allows landlords to remotely monitor and manage their complete portfolio. BCM connects to the boiler Bus connectors allowing bi-directional communication. The device reports boiler data every 15 minutes allowing landlords to manage boiler efficiency and health. If a fault occurs or is predicted to occur a notification is sent in real-time. BCM can also act as a gateway for other ancillary in-property environmental monitoring devices such as MultiDot for humidity.

Application

BCM is capable of communicating with any boiler with a bus connection, as used by all major boiler manufacturers.

BCM is a cellular device so doesn't require any Wi-Fi access. The connectivity is already compatible with next generation protocols.

All information collected by the devices is sent to Connect to be analysed and interrogated by our machine learning algorithms. If a fault is detected by the device it will communicate with Connect to send a notification. Real time telemetry information can be viewed on the Connect Portal as well as a full audit trail of past faults.
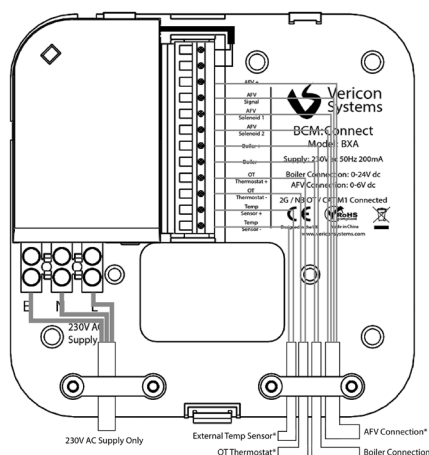
Specifications

Model	BXA
Supply Voltage	230V AC 50Hz
Boiler Connection	0-24V DC
AFV Connection	0-6V DC
Compatibility	eBus, EMSBus, OpenTherm
Dimensions	130 X 134 X 34 mm
Case Materials	PC/ABS V0
Certifications	CE; UKCA; RED

Features

· Universal boiler compatibility
· Wires directly into boiler bus connections
· Real time fault diagnostics and notifications
· Can be retrofitted in less than 8 minutes
· Full audit trail creation

Wiring Diagram

230V AC Supply Only   External Temp Sensor*   AFV Connection*
OT Thermostat*   Boiler Connection

Dimensions