Strato Automation

BW324

BACwALL

High
Performance
Wall
Controller

73 mm / 2,85"   24 mm 1"

123 mm 4,85"   123 mm 4,85"   83 mm 3,27"   60 mm 2,36"

DESCRIPTION

- The BACwALL is a high-performance wall controller that combines the functionality and power of a configurable thermostat with the flexibility of a programmable controller. It operates as per BACnet MS/TP standards.
- Comes with 3 analog inputs, 2 analog outputs and 4 binary triac outputs. Also included are the ambient temperature, set point and interface icon displays.
- Operates in offline mode.

APPLICATION

The modern and distinguished look of the BACwALL combined with digital LCD display is ideal for zone control applications. Due to its non-specific-application approach and great versatility, the BACwALL can also be used on HVAC equipment. All control points can be programmed. This device does not contain any binding functions, allowing users to maximize the potential of the wall controller to suit the real needs of their application. This device is compatible with all other products manufactured by Strato.

TECHNICAL SPECIFICATIONS

Max. Wire Size :
16 awg

Supply Voltage :
24 VAC/VDC ±15%

Current consumption :
35 VA Max/1.2 VA without charge

Real-Time Clock (RTC) : Yes

Microprocessor :
32 bits, 72 MHz

External Port :
USB type

Communication protocol :
BACnet MS/TP

Dimensions :
123 mm x 73 mm / 4,8" x 2,8"

Storage/transport temperature :
-30 °C to 50 °C / -22 °F to 122 °F

Operating Temperature :
0 °C to 50 °C / -32 °F to 122 °F

Relative Humidity : 10 - 90 % H.R.
(non-condensing)

Weight :
150,5 g / 0,33 lb

Inputs :
3 analog,
T : Thermistor 10kΩ (type 2 or 3),
dry contact
V : Voltage : 0..10VCC
Note: Analog inputs can also be used as binary inputs
Resolution : 12 Bits (4096 counts)

Outputs :
Binary
4 binary triac, 10..30 VCA,
0.350 Amp max., « sink » or « source » with protection
Note : Binary outputs can also be used as pulse outputs
Analog
2 analog, voltage 0 .. 10 VDC
Note : Analog outputs can also be used as binary outputs
Résolution : 12 Bit (4096 counts)

Trend logs : Automatic on all BACnet objects. Limited only by the storage capacity of the server.

Mounting :
standard 2" x 4" service box

Warranty : 1 years

Certification :
UL (CND & US)
UL 916 Energy management equipment
B-ASC (BACnet Application Specific Controller)