OPUS Temperatur Controller

smart-house

BOW-TEMDIS

Smart-house Temperature Controller with display
Display current room temperature
Display outdoor temperature
Turn on/off heating and cooling
Set wanted room temperature
Energy Save through night setback temperature
Channel Programming using BGP-COD-BAT

GENERAL SPECIFICATIONS

Channal programming	By BGP-COD-BAT
No. of channels	2 needed + 3 Optional
Housing	LK OPUS
Environment	
Degree of protection	IP 20
Operating temperature	0° to +50°C (32° to +122°F)
Storage temperature	-20° to +70°C (-4° to +158°F)

Humidity (Non condensing)	20 - 80%
Weight	23 g
Dimensions	
Opus	66 x 66 x 10 mm
Max. wire in terminals	Max. 2 x 0.75 mm^2

SUPPLY SPECIFICATIONS

Power supply	Supplied by smart-house
Consumption	
LED OFF	< 0.5 mA
LED ON	< 1.2 mA

INPUT SPECIFICATIONS

Sensor	1 integrated temperature sensor
Range	0 - 50°C (32 - 122°F)
Precision	± 1°C

TYPE SELECTION

Supply	Colour	Ordering no.
By smart-house	White	BOW-TEMDIS

Dimensions

WIRING DIAGRAM

Programming Adaptor plug to BGP-COD-BAT

Programming Cable GAP-TPH-CAB

Dot
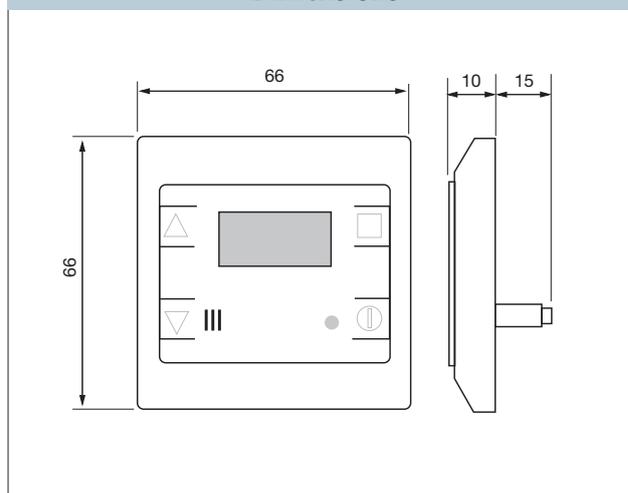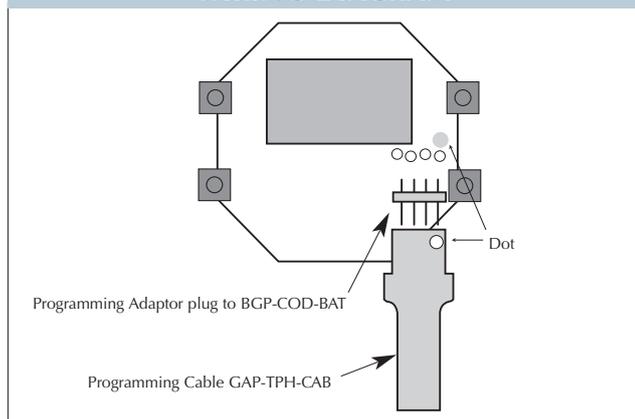
ACCESSORIES

Programming cable
to BGP-COD-BAT   GAP-TPH-CAB

OPUS Temperatur Controller

smart-house

Mode of Operation

Channel Programming

Using the BGP-COD-BAT programming unit, each of the 5 channels on the Temperature Controller can be assigned any address between A1 and P8. The programming socket can be accessed by removing the front of the housing. The allocation of the channels are as follows:

I/O	Description
Needed I/O's	
1	DataLink Data Channel input/output Split I/O
2	DataLink Synchronization Channel input
Optional I/O's	
3	Analink Temperature output.
4	LED for Heat on/off indication (RED) input
5	LED for Cooling on/off indication (BLUE) input

*** Note:** If a description of the heating/cooling outputs is required, please consult the manual for MCG G3800 xxxx. See paragraph 2.3.5 Please note that the unit can be programmed to both cooling and heating, but the mode required has to be selected on the display. For instance, cooling control can be selected during the sommer and heating control during the winter.*

***Note:** Not programming the 2 optional channels for Heat and Cooling LEDs, will not make the LEDs inactive they are just controlled by the Temperature Controller and will have slower reaction to changes in Heat/Cooling state.*

Symbol description:

In the display the following five symbols are used.

– Tree symbol, indicates that outdoor temperature is currently shown in the display.

– Heat symbol, indicating that a heat application is currently selected.

– Frost symbol, indicating that a cooling application is currently selected.

– Sun symbol, indicating that the current application is running in normal mode.

– Moon symbol, indicating that the current application is running in night setback mode.