

BFW-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 FUGA (no frame incl.)
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	
Fuga	50 x 50 x 11 mm (no frame included)
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

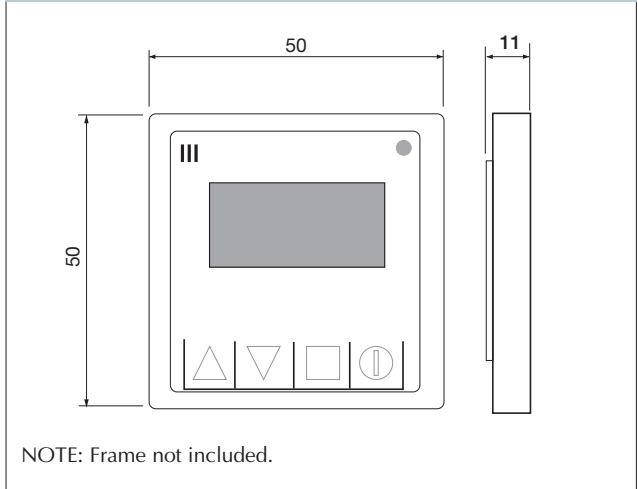
Sensor	1 integrated temperature sensor
Range	0 - 50°C (32 - 122°F)
Precision	± 1°C

TYPE SELECTION

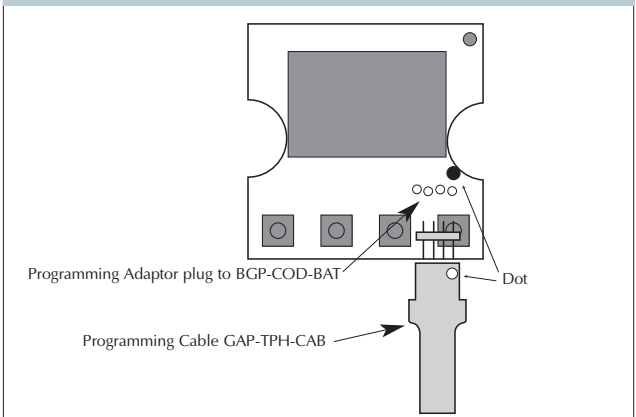
Supply	Colour	Ordering no.
By smart-house	White	BFW-TEMDIS

Frame not included

DIMENSIONS



WIRING DIAGRAM



ACCESSORIES

Programming cable to BGP-COD-BAT	GAP-TPH-CAB
Frame Baseline	White 40417
	Grey 40414
	Charcoal Grey 40430-1

FUGA Temperatur Controller

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 summer 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.