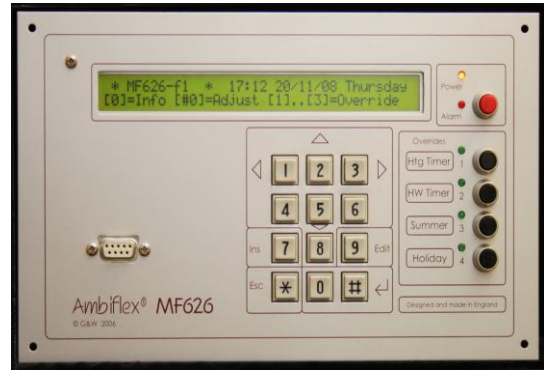


MF626

TECHNICAL OVERVIEW

The MF626 is a freely programmable, micro-processor based controller capable of operating standalone or as part of a network. All Building Management System (BMS) features of energy management, control, data logging, alarm/event monitoring and remote communications are resident within the MF626.



FEATURES

- 6 Time Channels
- 12 Limit Switches for economy and frost settings
- 16 Setpoint Generators for compensation etc.
- 24 User Adjusts for targets
- 63 Programmable Logic Nodes
- 4 P + I Loops
- 3 Independent Data Logs
- Alarm/Event list
- Communications
- Networking
- Battery back up of up to 10 years
- Multiple level passwords

SPECIFICATION



















Power Supply:	230/240v 50Hz, 10VA approx
Configuration:	Power Supply Unit (PSU) card, Central Processing Unit (CPU) card connected via ribbon cable (500mm & 1000mm lengths available)
Dimensions:	PSU – 245mmx90mmx45mm CPU – 250mmx150mmx40mm
CPU:	LCD Display, Keypad and 4 programmable push button overrides
Analog Inputs:	8 – For Ambiflex NTC sensors or 0-10vdc or 4-20mA
Digital Inputs:	8 – Must be volt free for monitoring or meters
Analog Outputs:	2 – 0-10vdc
Digital Outputs:	6 – SPDT output relays, contacts/track rated 8/10 amp 230V AC resistive
Electrical:	Screened cable for all Analog and Digital Inputs and Analog Outputs earthed at the controller end only
Connections:	2.5mm ² pluggable terminals
Communications:	25 pin RS232 port for a modem / ethernet and 9 pin engineers RS232 port for laptop connection
Country of Origin:	UK
Product Code:	MF626
Optional Enclosure:	RCP2500 enclosure (pictured above)

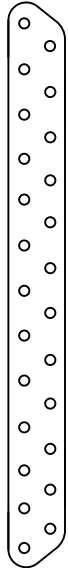
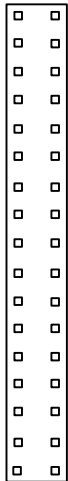
Ambiflex Ltd
12 Attenbury's Park Estate
Attenbury's Lane
Timperley, Cheshire
WA14 5QE
Tel: 0161 973 4411
Fax: 0161 973 3770

AMBIFLEX DATA SHEET: PAGE 1 of 2

MF626
Building Management System

MF620 PSU

- 1 L 220/240V
- 2 N 50HZ
- 3 E SUPPLY
- 4 AI COMMON
- 5 AI 1
- 6 AI 2
- 7 AI 3
- 8 AI 4
- 9 AI 5
- 10 AI 6
- 11 AI 7
- 12 AI 8
- 13 AO COMMON
- 14 AO 1
- 15 AO 2
- 16  DO 1
- 17  DO 1
- 18  DO 1
- 19  DO 2
- 20  DO 2
- 21  DO 2
- 22  DO 3
- 23  DO 3
- 24  DO 3
- 25  DO 4
- 26  DO 4
- 27  DO 4
- 28  DO 5
- 29  DO 5
- 30  DO 5
- 31  DO 6
- 32  DO 6
- 33  DO 6
- 34 DI COM
- 35 DI 1
- 36 DI 2
- 37 DI 3
- 38 DI 4
- 39 VEN
- 40 DI COM
- 41 DI 5
- 42 DI 6
- 43 DI 7
- 44 DI 8
- 45 VEN



All Analog Inputs, Digital Inputs and Analog Outputs should be in screened cable.

Digital Inputs should be volt free contacts.

Range resistors as supplied on the Central Processing Unit (Display card):

- A** = 2.2K NTC Thermistor
- B** = 10K3 NTC Thermistor

- Analog #1 **A**
- Analog #2 **A**
- Analog #3 **A**
- Analog #4 **B**
- Analog #5 **B**
- Analog #6 **B**
- Analog #7 **B**
- Analog #8 **A**

Ambiflex Ltd
 12 Attenbury's Park Estate
 Attenbury's Lane
 Timperley, Cheshire
 WA14 5QE
 Tel: 0161 973 4411
 Fax: 0161 973 3770

AMBIFLEX DATA SHEET: PAGE 2 of 2

MF626
Building Management System