

## TEMPERATURE MAINTENANCE SYSTEMS

## FX/AT2 - FX/AT - FX/ST Thermostats



FX/AT2 thermostat



FX/AT thermostat



FX/ST thermostat



### Applications

In order to maintain the right temperature, a control device will provide the following advantages:

- the heating element is energised only when necessary.
- the heating element lifetime is increased.
- the heating element will not overheat.
- the energy consumed is kept to a minimum.

#### FX/AT2 ambient thermostat

To protect vessels and piping from freezing, this thermostat is preset at + 3°C.

#### FX/AT ambient thermostat

To protect vessels and piping from freezing, this thermostat can be set from - 5°C to + 40°C.

#### FX/ST bulb thermostat and capillary tube

The stainless steel bulb and capillary tube allow the temperature at the surface of the vessel or the piping to be read. Three temperature ranges from - 5°C to + 220°C (see below).

### Standards

CEI 62395-2

	FX/AT2 ambient thermostat	FX/AT ambient thermostat
Temperature range	preset to + 3°C	- 5°C to + 40°C
Current rating	5 A	16 A
Box protection level	IP 65	IP 65
Box dimensions	80 x 80 x 45 mm	125 x 125 x 75 mm
Accuracy	± 3°C	± 2.5°C
Differential	5°C	2.5°C
Connection	2 inputs with cable gland	
Voltage	220 V / 240 V	

	FX/ST - 40	FX/ST - 120	FX/ST - 220
Temperature range	- 5°C to + 40°C	+ 20°C to + 120°C	+ 20°C to + 220°C
Accuracy	+ 4°C at + 40°C	+ 5°C at + 120°C	+ 10°C at + 220°C
Differential	2.5°C	5°C	7°C
Capillary tube length	1.2 m		
Bulb dimensions	155 mm x 0.6 mm	86 mm x 0.6 mm	211 mm x 0.3 mm
Max. bulb temperature	+ 77°C	+ 202°C	+ 262°C
Bulb and capillary tube material	Stainless steel		
Current rating	16 A		
Box material	Polycarbonate		
Protection level	IP 65		
Box dimensions	175 x 125 x 75 mm		
Max. box temperature	+ 50°C		
Voltage	220 V / 240 V		

### Use

Consult the pages of the catalogue devoted to the corresponding general operating principles, general instructions for use and accessories.

#### FLEXELEC S.A.S

10, rue des frères Lumière  
Z.A. du Bois Rond  
69720 ST BONNET DE MURE - FRANCE  
Tél : + 33 (0)4.72.48.30.90

E-mail : flexelec@omerin.com

#### FLEXELEC Dept

OMERIN ASIA Pte Ltd  
51 Goldhill Plaza #08-11  
SINGAPORE 308900  
Tel : + 65.6255.4778  
Fax : + 65.6255.4779  
E-mail : sales@omerin.com.sg

#### FLEXELEC (UK) Ltd

Unit 11 Kings Park Industrial Estate  
Primrose Hill - KINGS LANGLEY  
Hertfordshire - WD4 8ST - UK  
Tel : + 44 (0) 1923.274477  
Fax : + 44 (0) 1923.270264  
E-mail : sales@omerin.co.uk

#### FLEXELEC Dept

OMERIN GmbH  
Buchwiese 16  
D-65510 IDSTEIN - GERMANY  
Tel : + 49 (0) 6126.94.31-0  
Fax : + 49 (0) 6126.83.999  
E-mail : omeringmbh@omerin.com