

## TEMPERATURE MAINTENANCE SYSTEMS

## FX/CDM2 Hygrothermostat



### Characteristics

Electronic regulator **FX/CDM2** :

- Power supply 230 V +/- 10%, 50/60 Hz.
- Current rating 16 A.
- Fit on DIN rail.
- Dimensions: 86 x 52 x 59 mm (3 modules).
- Ingress protection code IP20.
- Temperature range preset from 0 to +10°C.
- Heating time preset from 1 to 5 hours.
- Ambient temperature : -10 to +50°C.

For others characteristics, refer to instructions given with the product.

FX/CDM2



FX/CDM2/TEMP



FX/CDM2/NEIGE



FX/CDM2/PARK



FX/BOITIER/2



Option **FX/BOITIER/2**

- Box IP 65 (195 x 195 x 110 mm) for hygrothermostat

### Applications

The **FX/CDM2** hygrothermostat permanently checks for the presence of snow or black ice in gutters or access ramps... The heating cables are powered according to the outside temperature and the presence of humidity.

The energy required is calculated by an interval timer switch. This regulator is particularly adapted for small installations and ensure an energy saving.

Usefull for gutter ice protection:

**FX/CDM2 + FX/CDM2/TEMP + FX/CDM2/NEIGE**

Usefull for access ramps ice protection:

**FX/CDM2 + FX/CDM2/TEMP + FX/CDM2/PARK**

### Standards

CEI 62395-2

NF P 52-302-1 + annex A1

NF P 52-302-2 (DTU 65.7)

External temperature sensor **FX/CDM2/TEMP** :

- Dimensions: box 86X45X35 mm, wall fixation.
- Power supply: By standard 2x1.5mm<sup>2</sup> conductor cable,(not supplied) from the electronic box to the sensor terminals (50 m maximum).

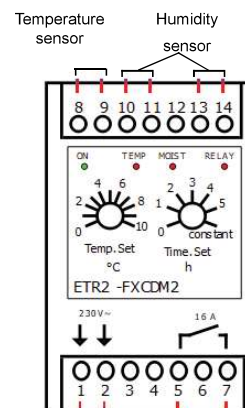
Humidity sensor **FX/CDM2/NEIGE** :

- Use in case of ice protection of roof or gutter
- Dimensions of the box: 105 x 30 x 13 mm.
- Ingress protection code IP68.
- Power supply by conductor cable (10m long, can be extended up to 50 m with 6x1.5mm<sup>2</sup> conductor).
- The sensor is automatically heated to transform snow into humidity.

Humidity sensor **FX/CDM2/PARK** :

- Use in case of ice protection of access ramps.
- Dimensions Diam. 60 mm high 32mm.
- Ingress protection code IP68.
- Power supply by conductor cable (10m long, can be extended up to 50 m with 6x1.5mm<sup>2</sup> conductor).
- The sensor is automatically heated to transform snow into humidity.

### Connection diagram



#### 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