Frozen food temperature recording?
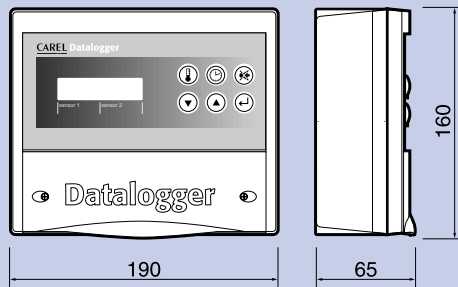
-18 °C

Simply observe the law!

TECHNICAL CHARACTERISTICS

190   65   160

Dimensions (mm)

Displays:
LCD back-lit display (16 columns x 2 lines), visual area: 16x61mm
Keyboard: no. 6 external buttons made of silicone rubber,
4 of them are back-lighted
Power supply: 230Vac +10% -15%
Consumption: 5Va
Digital inputs (voltage free contacts): no. 2
Relay outputs: no.1 relay,
Serial outputs: RS485 for the download module
Accessories: infrared download module,
optoinsulated download module
Working range: 0÷50°C
Humidity range: 20÷80 % rH
Index of protection: IP65
Resolution: 0.5°C
Version for NTC probes: working range -50÷+75°C
Accuracy: better than 1°C from -35°C to +30°C
Recording interval: selectable from 1 to 99 minutes (default=15 minutes)
Data storage: on internal and permanent storage
(including power failure)
Data storage capacity: more than 1 year for each probe with a
memory interval ≥14 minutes

CAREL

CAREL srl
Via dell'Industria, 11 - 35020
Brugine - Padova (Italy)
Tel. (+39) 049.9716611
Fax (+39) 049.9716600
http://www.carel.com

agency / distributor:

+302238121 rel. 2.0 del 02.12.1997

CAREL
Technology & Evolution

CE

The European directives are clear *(89/108/EEC, 92/1/EEC, 92/2/EEC)*. The temperature of transported and/or stored frozen food must be recorded, and the data stored for at least one year.

The solution is simple.
A Datalogger from the new Carel range, with two temperature probes. The basic version is cheaper than a mechanical datalogger.

Comply is simple.
No more worry about filing, replacing paper disks or changing nibs. The Carel Datalogger automatically stores all the temperature values for the last year in accordance with the EEC directives. Data can be simply downloaded to your PC, with the download module, for further analysis and printing.

Simple to use.
The Carel Datalogger provides continuous temperature recordings and in the event of malfunction provides an audible and visual alarm, with autodial telephone capabilities.

Simple to install.
The plastic case has a protection rating of **IP65,** ensuring high resistance to condensation and temperature extremes. The case mounts with only three screws and cable connections can be made from either above or below with cable ducts or holders.

Simple to have more.
The back-lit LCD clearly displays recorded data even in poor light condition, and the large buttons provide an easy to use format. The Datalogger is supplied pre-programmed ready for use. However, the unit can be easily "customized" for specific applications by enabling any of the numerous optional functions available.
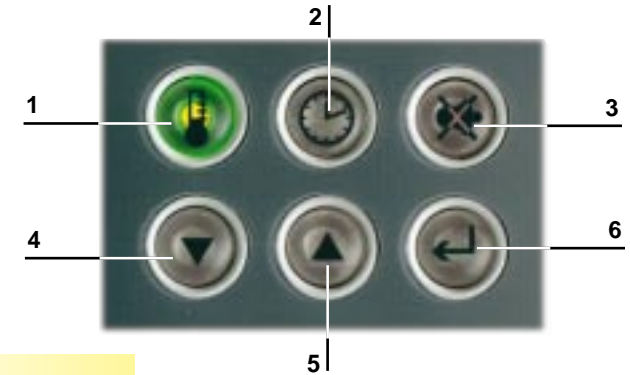
Simple reliability.
Reliability is guaranteed by the Carel quality system, certified to ISO 9001.

CAREL Datalogger

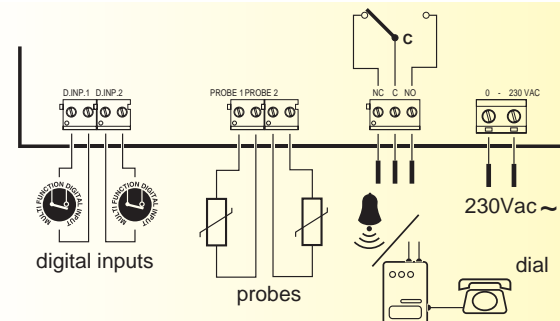03/JAN/97   10:45
-18.0°C   -19.0°C
sensor 1   sensor 2

Back-lit LCD display that allows the display of the recorded data even in poor light conditions.

Large function buttons provide an easy to use format.

1 Recorded temperature and general information display button.
2 Clock programming button.
3 Buzzer silencing and alarm display button.
4/5 Stored data scrolling buttons.
6 Parameter selection button.

electrical *connections*
(two-channel version)

D.INP.1 D.INP.2   PROBE 1 PROBE 2   NC C NO   0 - 230 VAC

230Vac~

digital inputs

probes

dial