PLUSR EXPERT DL3 DATALOGGER

Three-channels temperature recorder which allows, for each channel, to monitor and record, at regular intervals, temperature, digital input status and alarm events. It allows visualization of registered data directly on the LCD display or theirs download on personal computer by an USB key.

APPLICATIONS

- Datalogger function up to 3 temperatures and 3 digital inputs for storage and distribution cold rooms of deep-frozen food products.
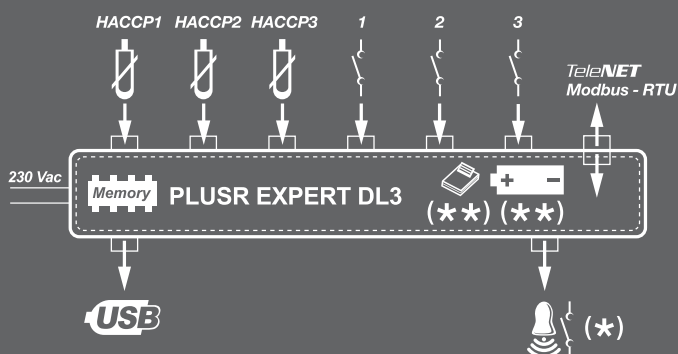
OPTIONS

- Module for communication with printer Custom MY Printer A or smartphone (Android).
- Battery backup up to 40 hours.

MAIN CHARACTERISTICS

- EN 12830 compliant.
- Allows up to three temperatures within the -45°C - +99 °C interval to be recorded at regular intervals and until three digital inputs.
- Temperatures visualization up to 1 year with cyclic memory (only the oldest data are overwritten).
- Recorded temperatures can be displayed on the LCD screen.
- The temperature alarm and digital inputs history can be viewed separately to keep track of past alarms (as requested by HACCP).
- USB slot built into controller for data downloads.
- Software updating from USB.
- TeleNET free software to download data on personal computer.
- The ABS housing can easily be installed and wall-mounted and features an Ip65 protection rating.
- Calibration certificate enclosed.

CONNECTION DIAGRAM

(*) = Configurable function

(* *) = Optional

USB

| 263 | 180 | 96 |

TECHNICAL CHARACTERISTICS	PLUSR EXPERT DL3
BOX DIMENSIONS	263 x 180 x 96 mm
WEIGHT	1 kg
PROTECTION RATING	IP65
POWER SUPPLY	230 V AC ±10% 50-60 Hz
WORKING TEMPERATURE	0 ÷ +50 °C
STORAGE TEMPERATURE	-20 ÷ +60 °C
RELATIVE AMBIENT HUMIDITY	< 90% RH
RANGE OF READING	-45 ÷ +99 °C
TEMPERATURE INDICATOR	LCD DISPLAY WITH BACKLIGHT
ALARM SIGNALS	DISPLAY LCD + BUZZER
MAXIMUM NUMBER OF READINGS WITHOUT OVERWRITE	1 YEAR (CYCLIC MEMORY)
BATTERY BACKUP	OPTIONAL
COMMUNICATION WITH PRINTER/SMARTPHONE (ANDROID)	OPTIONAL
INPUTS	
AMBIENT PROBE	3 x NTC 10 kΩ 1%
DIGITAL INPUT	N° 3 DIGITAL INPUTS
OUTPUTS	
ALARM RELAY	PRESENT
SUPERVISION SYSTEM	TELENET / MODBUS-RTU
DESIGNATION	
STANDARD REFERENCE	EN 12830
SUITABILITY	S (STORAGE)
LOCATION	A
ACCURACY CLASS	1
MEASUREMENT RANGE	°C