

## FUNCTIONS

### UPLOAD, DOWNLOAD, FORMATTING

#### Description

The Unicard/Copy Card must be connected to the TTL serial port and allows the rapid programming of instrument parameters.



**DOWNLOAD** From Reset Only operating mode: at power-on, if the Unicard/Copy Card is inserted in the device, the controller automatically downloads data.

After connecting the Unicard/Copy Card with the device switched off and at the end of the lamp test, one of the following labels will be displayed:

- **dLY** if the operation was successful
- **dLn** if the operation was not successful

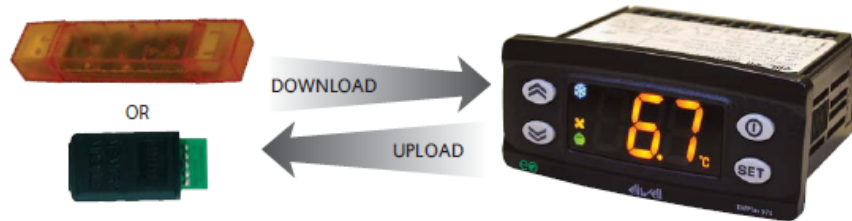
After about 5 seconds, the display will display the probe or setpoint value, depending on the default settings.



**IMPORTANT:** once download has been completed successfully, the controller will start to work with the new map loaded.

Operating mode: access "Installer" parameters by entering the password "PA2" if enabled (PA2≠0), scroll through the folders using and until folder "FPr" appears. Select it using . scroll through the parameters using and and finally select one of the functions by pressing .

- **UL** (Upload): This function uploads the programming parameters from the instrument to the card. If the operation is successful, the display will show "y", otherwise it will show "n".
- **Fr** (Format): This command is used to format the copy card (which is necessary when using the card for the first time). Important: the **Fr** parameter deletes all data present and this operation cannot be reversed.
- **Download:** Connect the Unicard/Copy Card with the instrument switched off. At power-on, data will automatically start downloading from the Unicard/Copy Card to the instrument. At the end of the lamp test, the display will show "dLy" if the operation was successful and "dLn" if not.



#### User parameters

The parameters that control this function are:

Label	Description	Model
UL	Transfer programming parameters from instrument to Copy Card	All
Fr	Format Copy Card. Erases all data contained in the Copy Card.	All

**COPY CARD**

The Copy Card can be used to download/upload a parameter map from/to a controller. Depending on whether the parameter map is being uploaded or downloaded, the controller must be powered on or in the process of starting up.



**UNICARD**

The Unicard, like the Copy Card, can be used to download/upload a parameter map from/to a controller. Its flexibility enables the various devices to be customised quickly and simply. The main features that distinguish it from the Copy Card are:

- 1): it can be connected directly to the computer via USB
- 2): it can be powered by means of a USB power supply and can directly power the controller during upload/download.

The Unicard power supply options are as follows:

**A) Chiller power supply**



**B) Field power supply**

