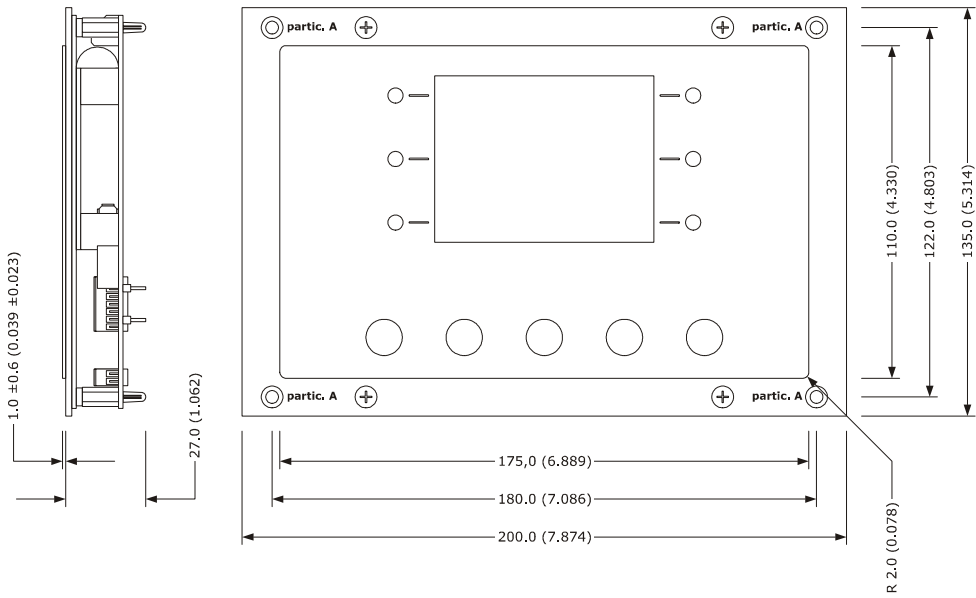


SIZE AND INSTALLATION

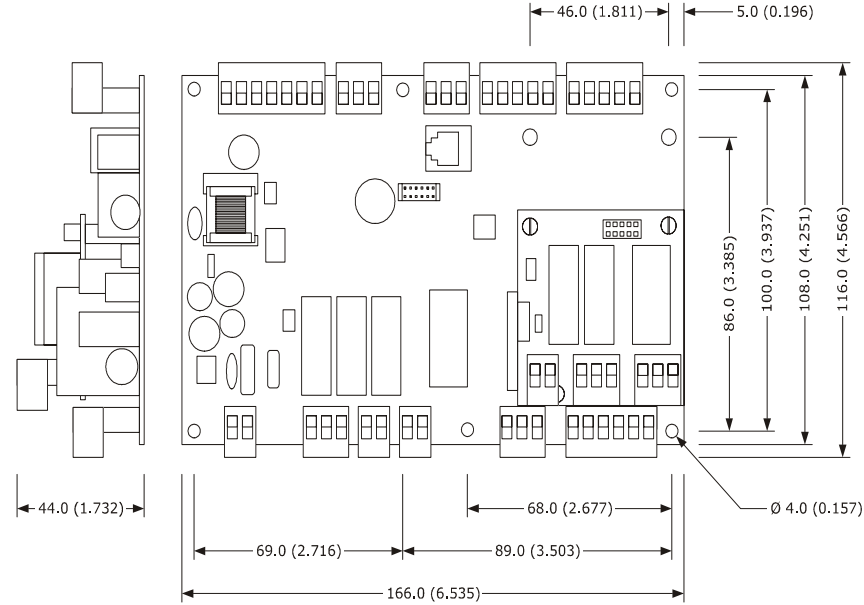
Size and installation user interface

Size in mm (in); installation is by back panel, with threaded studs.



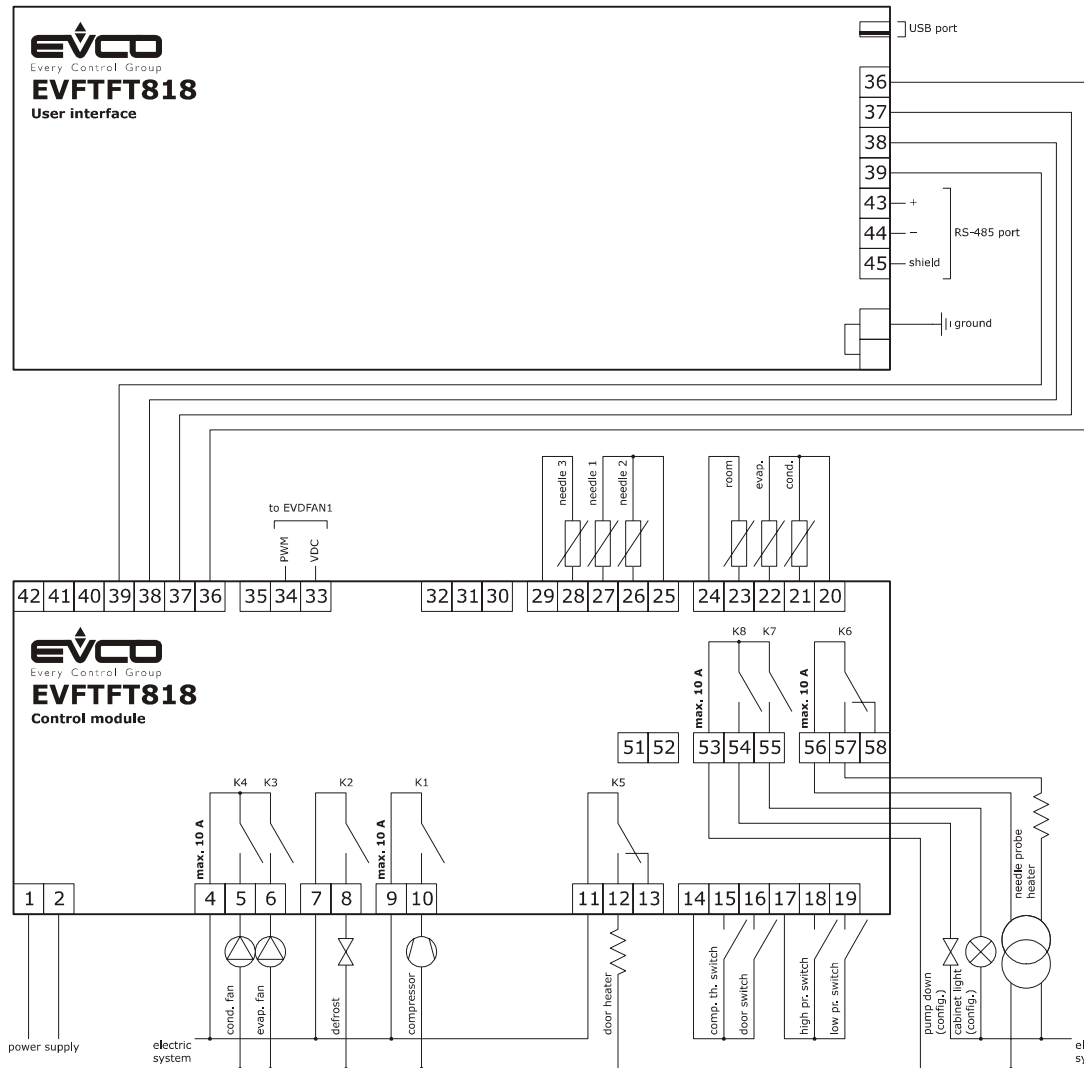
Size and installation control module

Size in mm (in); installation is on flat surface, with spacers.



ELECTRICAL CONNECTION

Electrical connection



2 ELECTRICAL CONNECTION

2.1 Additional information for electrical connection

- do not operate on the terminal blocks of the device using electrical or pneumatic screwdrivers
- if the device has been moved from a cold location to a warm one, the humidity could condense on the inside; wait about an hour before supplying it
- make sure the power supply voltage, the electrical frequency and the electrical power of the device correspond to those of the local power supply; look at chapter "TECHNICAL DATA"
- disconnect the power supply of the device before servicing it
- do not use the device as safety device
- for the repairs and for information about the device please contact the EVCO sales network.

6	digital inputs
7	digital output K6
8	digital outputs K7 and K8
9	reserved
10	reserved
11	reserved
12	analog inputs (room probe, evaporator probe and condenser probe)
13	analog inputs (needle probe 1, needle probe 2 and needle probe 3)
14	reserved
15	PWM analog output
16	communication port to communicate with the control module

4 USER INTERFACE

4.1 Preliminary information

There are the following operating status:

- status "off" (the device is not powered)
- status "stand-by" (the device is powered but it is switched off)
- status "on" (the device is powered, it is switched on and it is waiting an operating cycle is started)
- status "run" (the device is powered, it is switched on and an operating cycle is running).

Hereinafter, "switching on the device" means moving from status "stand-by" to status "on" and "switching off the device" means moving from status "on" to status "stand-by".

4.2 Switching on / off the device

Operate as follows:

1. Make sure the keyboard is not locked and no procedure is running.
2. Press and release button ON / STAND-BY.

4.3 The display

During status "off" and during status "stand-by" the display is switched off.

During status "on" the device shows the day and the real time and the room temperature.

During status "run" the device will show:

- if a temperature controlled blast chilling or a temperature controlled blast freezing is running, the temperature read by the needle probe, the room temperature, the program name (if foreseen) and the time elapsed since the start of the blast chilling or of the blast freezing
- if a time controlled blast chilling or a temperature controlled blast freezing is running, the residual duration of the blast chilling or of the blast freezing, the room temperature, the program name (if foreseen) and the time elapsed since the start of the blast chilling or of the blast freezing.

4.4 Showing the inputs and outputs status

Operate as follows:

1. Make sure the device is in status "on".
2. Make sure the keyboard is not locked and no procedure is running.
3. Press and release button HOME, press and release button MENU, then press and release over and over again button INTERACTIVE 2 to select "INTERNAL VALUES".
4. Press and release button INTERACTIVE 4, then press and release button INTERACTIVE 3 or button INTERACTIVE 2 to select the input or the output.

To quit the procedure operate as follows:

5. Press and release button ESCAPE or do not operate 60 s.

4.5 Activating the defrost by hand

Operate as follows:

1. Make sure the device is in status "on", a precooling or a storing is running.
2. Make sure the keyboard is not locked and no procedure is running.
3. Press and release button INTERACTIVE 5, press and release button INTERACTIVE 3 or button INTERACTIVE 2 to select the input or the output.

If the evaporator probe is enabled and to the defrost activation the evaporator temperature is above the defrost cut off temperature, the defrost will not be activated.

4.6 Locking / unlocking the keyboard

To lock the keyboard operate as follows:

1. Make sure no procedure is running.
2. Press and release button ON / STAND-BY, then press and release button INTERACTIVE 4.

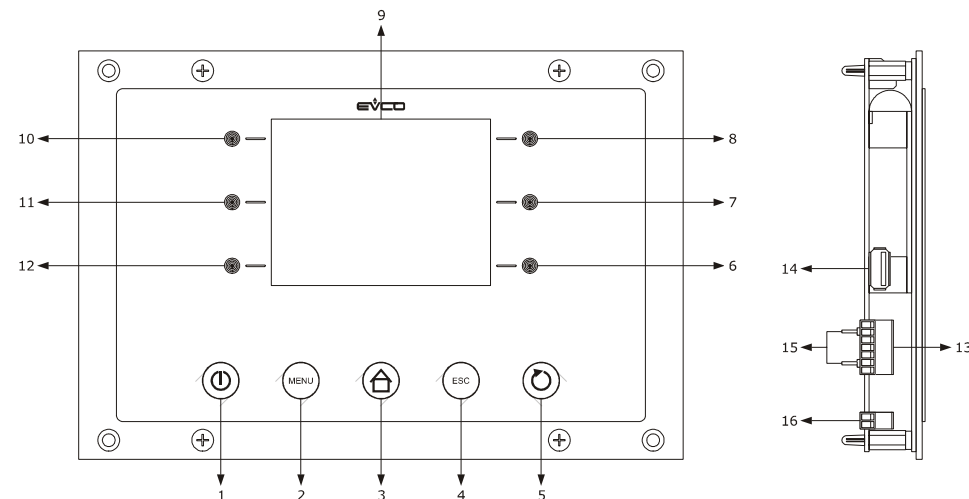
According to the model, after 60 s the keyboard will automatically lock.

To unlock the keyboard operate as follows:

3. Make sure no procedure is running.
4. Press and release button ON / STAND-BY, then press and release button INTERACTIVE 4.

3 DESCRIPTION

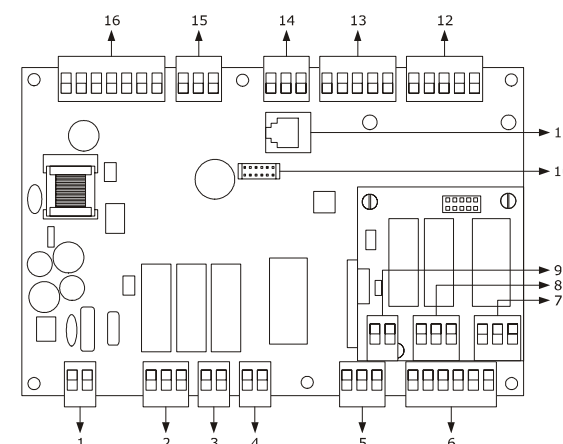
3.1 Description user interface



Part	Meaning
1	button ON / STAND-BY
2	button MENU
3	button HOME
4	button ESCAPE
5	button HARD / SOFT
6	int. button 1 (on afterwards called INTERACTIVE 1)
7	int. button 2 (on afterwards called INTERACTIVE 2)
8	int. button 3 (on afterwards called INTERACTIVE 3)
9	display
10	int. button 4 (on afterwards called INTERACTIVE 4)

11	int. button 5 (on afterwards called INTERACTIVE 5)
12	int. button 6 (on afterwards called INTERACTIVE 6)
13	communication port to communicate with the control module and RS-485 port
14	USB communication port (only available in model EVFTFT818P7U)
15	jumper to plug in the line termination of the communication port to communicate with the control module and of the RS-485 port
16	grounding

3.2 Description control module



Part	Meaning
1	power supply
2	digital outputs K3 and K4

3	digital output K2
4	digital output K1
5	digital output K5

ENGLISH IMPORTANT

Read this document carefully before installing and using the device and follow all the additional information; keep this document close to the device for future consultations. For further information consult the "Installer manual".

The device must be disposed according to the local legislation about the collection for electrical and electronic equipment.

1 SIZE AND INSTALLATION

1.1 Additional information for the installation

- make sure the working conditions of the device (operating temperature, operating humidity, etc.) are in the limits indicated; look at chapter "TECHNICAL DATA"
- do not install the device close to heating sources (heaters, hot air ducts, etc.), devices having big magnetos (big speakers, etc.), locations subject to direct sunlight, rain, humidity, dust, mechanical vibrations or bumps

- any metal parts in proximity of the control module must be at a distance such that they do not compromise the safety distances; possible wirings must be positioned at 20 mm (0.787 in) at least
- according to the safety legislation, the protection against possible contacts with the electrical parts must be ensured by a correct installation of the device; all the parts which ensure the protection must be fixed so that you can not remove them if not by using a tool.

