Controller for refrigerated cabinets, counters and islands, with energy-saving strategies

3. Configure the device as shown in Table 6.1 in the section The test normally takes a few seconds, when it is finished the display will switch off.

2. Power up the device as shown in the section - TTL MODBUS subordinate port for BMS.
- Alarm buzzer.
- Cabinet probe and auxiliary probe (NTC, 10,000 ohm at 77 °F).
- Door switch/multi-point switch.
- Energy saving active.
- Defrosting active.
- Settings active.
- Evaporator fan on/off.
- High temperature alarm.
- Low temperature alarm.
- Door switch alarm.
- Power failure alarm (available if the accessory TCIF23TSX is connected).

4.1 Switching the device on/off

1. Install following the instructions given in the section ELECTRICAL CONNECTION. Do not use the device as safety device.

2. Do not install the device close to heat sources, equipment with a strong magnetic field, or in a location where the device will be exposed to condensation or excessive humidity.

3. If the device was moved from a cold to a warm place, the humidity may have caused defrosting. If you use an electrical or pneumatic screwdriver, adjust the torque to a maximum of 0.0 Nm.

4.3 Set the setpoint

1. Touch the SET key.
2. Touch the DOWN key for 4 s.
3. Touch the SET key (or do not operate for 15 s).

4.4 Activate manual defrost (if r5 = 0, default)

1. Touch the UP key for 2 s.
2. If r4 = 0 (default), a defrost is activated provided that the evaporator temperature is lower than the d2 threshold.

5.1 Set the setpoint

1. Touch the SET key.
2. Touch the UP or DOWN key to set the limits r1 and r2 (default -50... 50).

5.2 View/delete HACCP alarm information

1. Touch the UP or DOWN key within 15 s to select the label.
2. Touch the SET key.
3. Touch the UP or DOWN key to select an alarm code (when label "LAB." is selected) or to set "LAB." (when label "LAB." is selected).

6.1 Restore the factory settings (default) and store customized settings as default

1. Touch the UP or DOWN key within 15 s to set the year.
2. Touch the UP or DOWN key to set the day of the week.
3. Touch the UP or DOWN key to set the date.
4. Touch the SET key: the display will show the year "00" followed by the last two figures of the year.
5. Touch the UP or DOWN key to set the current month.
6. Touch the UP or DOWN key to set the current day.
7. Touch the UP or DOWN key to set the hour.
8. Touch the SET key (or do not operate for 15 s).
9. Touch the UP or DOWN key to set the minute.
10. Touch the SET key: the display will exit the procedure.

6.3 Set the time, time and day of the week (available if the accessory TCIF23TXE is connected)

1. Touch the SET key: the display will show the label "lab" followed by the last two figures of the year.
2. Touch the SET key: the display will show the year "00" followed by the last two figures of the year.
3. Touch the UP or DOWN key within 15 s to set the year.
4. Touch the UP or DOWN key to set the day of the week.
5. Touch the UP or DOWN key to set the date.
6. Touch the SET key: the display will exit the procedure.

7.2 Alarm buzzer

1. Touch the ON/STAND-BY key to exit the procedure beforehand.
2. Touch the UP or DOWN key within 15 s to set the volume.
3. Touch the SET key: the display will exit the procedure.

8.1 Alarm buzzer

1. Touch the UP or DOWN key within 15 s to set the volume.
2. Touch the SET key: the display will exit the procedure.

9.1 Auxiliary probe function

1. Touch the UP or DOWN key within 15 s to set the function.
2. Touch the SET key: the display will exit the procedure.

9.2 Temperature measurement

1. Touch the UP or DOWN key within 15 s to set the unit.
2. Touch the SET key: the display will exit the procedure.

1. Touch the UP or DOWN key within 15 s to set the parameter.
2. Touch the SET key: the display will exit the procedure.

6.2 Set the date, time and day of the week (available if the accessory TCIF23TXE is connected)

1. Touch the SET key: the display will show the label "lab" followed by the last two figures of the year.
2. Touch the UP or DOWN key within 15 s to set the year.
3. Touch the UP or DOWN key to set the day of the week.
4. Touch the UP or DOWN key within 15 s to set the day of the week.
5. Touch the UP or DOWN key to set the month.
6. Touch the UP or DOWN key to set the day of the week.
7. Touch the UP or DOWN key to set the hour.
8. Touch the SET key (or do not operate for 15 s).
9. Touch the UP or DOWN key to set the minute.
10. Touch the SET key: the display will exit the procedure.

6.3 Restore the factory settings (default) and store customized settings as default

1. Touch the SET key: the display will show the label "lab" followed by the last two figures of the year.
2. Touch the UP or DOWN key within 15 s to set the year.
3. Touch the UP or DOWN key to set the day of the week.
4. Touch the UP or DOWN key to set the day of the week.
5. Touch the UP or DOWN key to set the day of the week.
6. Touch the UP or DOWN key to set the hour.
7. Touch the UP or DOWN key to set the minute.
8. Touch the SET key: the display will exit the procedure.
9. Touch the UP or DOWN key within 15 s to set the volume.
10. Touch the SET key: the display will exit the procedure.

4.1 Switching the device on/off

1. Touch the ON/STAND-BY key for 4 s.

6.2 Set the date, time and day of the week (available if the accessory TCIF23TXE is connected)

1. Touch the SET key: the display will show the label "lab" followed by the last two figures of the year.
2. Touch the UP or DOWN key within 15 s to set the year.
3. Touch the UP or DOWN key to set the day of the week.
4. Touch the UP or DOWN key within 15 s to set the day of the week.
5. Touch the UP or DOWN key to set the month.
6. Touch the UP or DOWN key to set the day of the week.
7. Touch the UP or DOWN key to set the hour.
8. Touch the SET key (or do not operate for 15 s).
9. Touch the UP or DOWN key to set the minute.
10. Touch the SET key: the display will exit the procedure.

6.3 Restore the factory settings (default) and store customized settings as default

1. Touch the SET key: the display will exit the procedure.
2. Touch the UP or DOWN key within 15 s to set the volume.
3. Touch the SET key: the display will exit the procedure.

7.2 Temperature measurement

1. Touch the UP or DOWN key within 15 s to set the unit.
2. Touch the SET key: the display will exit the procedure.

8.1 Auxiliary probe function

1. Touch the UP or DOWN key within 15 s to set the function.
2. Touch the SET key: the display will exit the procedure.