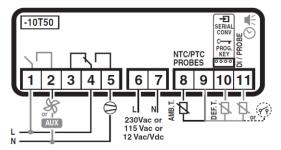
CAREL CASY SERIES REFRIGERATION CONTROL - FIELD SUPPORT GUIDE

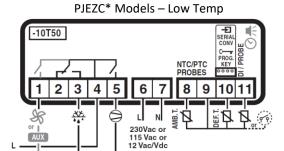
1. Overview of the Easy control's display and buttons:



2. Wiring the control's connections correctly: Carel controls come in a wide variety of different configurations, often customized for the OEM appliance manufacturer. A label found on top of the control will show a wiring guide and electrical specifications for the specific model. When replacing the control, DO NOT ASSUME that the numbered terminals will always serve the same function as the previous control installed. Carefully check all connections according to the labels / symbols shown underneath each numbered contact.

Common Configurations: PJEZS* Models - Medium Temp





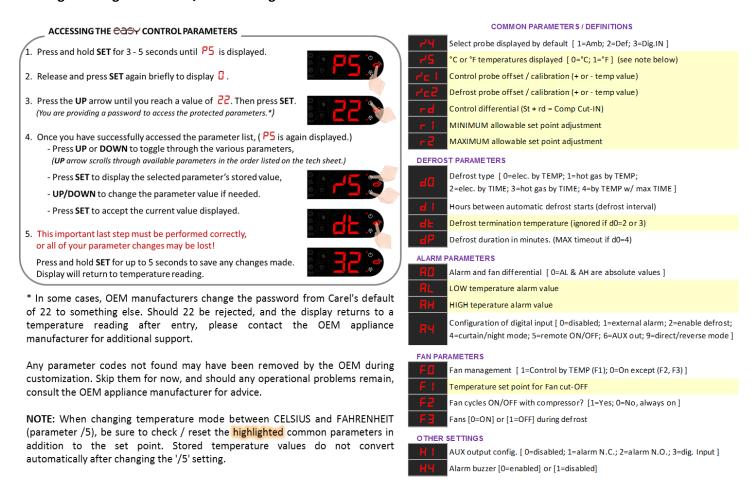
Carefully note the following connections available on your model, and connect the wires accordingly.

Temperature probe input(s)	Z	Control probe (AMB) and optional defrost probe (DEF), with a common	
Digital input	90	Configurable input for alarm, defrost, curtain etc. (Parameter A4)	
Compressor output	0	Contact points may vary across different control models	
Fan output	SF	Contact points may vary across different control models	
Defrost output	***	Contact points may vary across different control models	
Auxiliary output	AUX	Contact points may vary across different control models	
Line voltage to outputs	L	Typically isolated from supply voltage, requiring its own connection	
Supply voltage	L/N	Line and neutral supply wires, most commonly points 6 and 7	

3. **Viewing and changing the set point:** Press and hold the red SET button for 1 second to view current set point, and release immediately after it is displayed. (Display may flash, indicating the value can be changed.)

Press UP and DOWN arrows to change value and press SET again to store new value.

4. Programming the control / customizing the functions:



6. **Troubleshooting common alarms:** (Alarm indicator will light, and the code will alternate with the temperature on the display until the condition is corrected and /or alarm is reset.)

E	Probe 1 Error – replace control probe	El	Probe 2 Error – replace defrost probe
Н	Hi Temp Alarm – no refrigeration	LO	Low Temp Alarm – cooling below set point
E	Defrost Timeout – check defrost probe	EHE	Dirty Condenser – from probe 3 (A4=10)

- 7. "Display alternates 'OFF' / Temp": Controller is in OFF status. Press and hold power button for 3s to toggle ON / OFF.
- 8. **If icons are blinking:** the controller is calling for this activation, but a delay is keeping this activation off for a period of a set time (i.e. minimum compressor off time of "x" minutes as a compressor protector).
- 9. **Controller is cooling below the set point**: first check if the compressor icon is blinking (Continuous Cycle mode). If blinking, hold both UP and DOWN arrow together for 3 seconds to deactivate continuous cycle. If compressor icon is not lit but compressor still runs, troubleshoot the appliance's compressor, wiring, external contactor, or the control's output for an electrical short.
- 10. Not Starting / Skipping Defrost: check if defrost has been disabled by parameter ¬∃ (operating mode) [0 = direct+defrost;
- 1 = direct (cooling only, no defrost); 2 = reverse (heating)] Also, check the defrost parameters decsibed above.
 - Is $d\vec{\Omega}$ set to terminate defrost by TEMPERATURE? If so, check that the defrost probe is accurate and paramter $d\dot{\epsilon}$ is correct.
 - Is dG set to terminate defrost by TIME? If so, confirm paramters dA and dP are correct. (A value of 0 in either will disable defrost.)