

# EVK201

Every digital thermostat for positive temperature refrigeration applications.

Static defrost by stopping the compressor.

Display protection: IP 65

Power supply: 230 VAC, 3 VA

Working temperature: 0°C to 55°C

Digital output: 1 relay 16A resistive A @240 VAC

The maximum current allowed on the load is 10 A

## Programming procedure

### Temperature Set Point

Press **"set"** button once, \* will flash

Press ▼ or ▲ to set the desired value

Press **"set"** button to confirm

### All parameters

Press ▼ And ▲ for 4 seconds

"PA" will be displayed

Press **"set"**

Press ▼ Or ▲ to select password "-19"

Press **"set"**

"PA" will be displayed

Press ▼ And ▲ for 4 seconds

"SP" will be displayed (first parameter on the list)

Press ▼ Or ▲ to select the parameter

### To modify selected parameter

Press **"set"**

Press ▼ Or ▲ to set the desired value

Press **"set"** to confirm

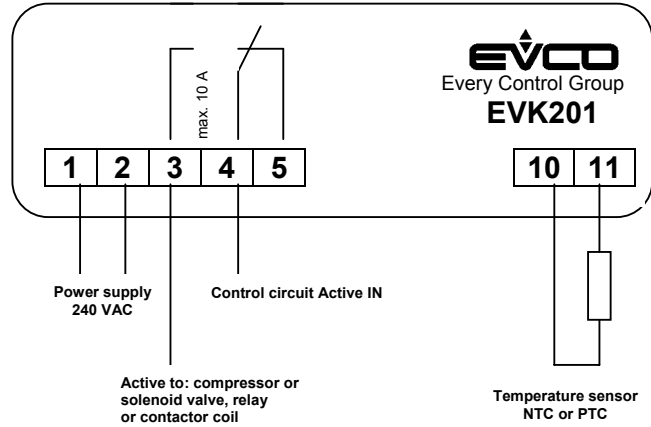
### To confirm all changes

Press ▼ And ▲ for 4 seconds

or leave the controller untouched for approx.

1 min.

Switch the power supply "OFF/ON" after the modification of the parameters



### Parameters

	Min.	Max.	unit	def	
<b>SP</b>	r1	r2	°C	0	Temperature set point
<b>CA I</b>	-25	25	°C	0	Sensor calibration
<b>P0</b>	0	1		1	Kind of probe, 0=PTC 1=NTC
<b>P1</b>	0	1		1	Decimal point
<b>P2</b>	0	1		0	Unit of measure temp. 0=°C 1=°F
<b>r 0</b>	0.1	15	°C/°F	2	Differential
<b>r 1</b>	-99	r 2	°C/°F	-50	Minimum set point
<b>r 2</b>	r 1	99	°C/°F	50	Maximum set point
<b>C 0</b>	0	240	min	0	Delay on power up
<b>C 2</b>	0	240	min	3	Compressor short cycle protection
<b>d 0</b>	0	99	Hour	8	Defrost interval (0 = defrost disabled)
<b>d 3</b>	0	99	Min	30	Defrost duration (0=defrost disabled)
<b>d 4</b>	0	1		0	Defrost on power up (1 = Yes)
<b>d 5</b>	0	99	min	0	Defrost delay if d 4 = 1
<b>d 6</b>	0	1		1	Override display during defrost 1 = Yes 0=room temperature

- ❖ During the normal operation the controller shows the cabinet temperature
- ❖ To activate the defrost manually press and hold ▲ for 4 seconds
- ❖ Yellow LED \* ON - compressor is running
- ❖ Yellow LED \* Flashes – the modification of the "Set Point" in progress, compressor protection "C0" or "C2"
- ❖ Yellow LED ❸ ON – defrost in progress
- ❖ "Pr I" error message, sensor damaged, disconnected or wrong kind (P0)

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