

EVK201

Every digital thermostat for positive temperature refrigeration applications.

Static defrost by stoping 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

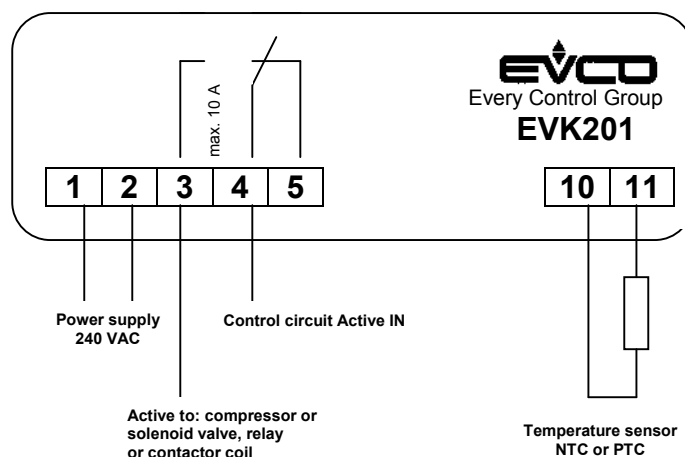
To confirm all changes

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	
SP	r1	r2	°C	0	Temperature set point
CA I	-25	25	°C	0	Sensor calibration
P0	0	1		1	Kind of probe, 0=PTC 1=NTC
P1	0	1		1	Decimal point
P2	0	1		0	Unit of measure temp. 0=°C 1=°F
r 0	0.1	15	°C/°F	2	Differential
r 1	-99	r 2	°C/°F	-50	Minimum set point
r 2	r 1	99	°C/°F	50	Maximum set point
C 0	0	240	min	0	Delay on power up
C 2	0	240	min	3	Compressor short cycle protection
d 0	0	99	Hour	8	Defrost interval (0 = defrost disabled)
d 3	0	99	Min	30	Defrost duration (0=defrost disabled)
d 4	0	1		0	Defrost on power up (1 = Yes)
d 5	0	99	min	0	Defrost delay if d 4 = 1
d 6	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 ☼ ON – defrost in progress
- ❖ "Pr I" error message, sensor damaged, disconnected or wrong kind (P0)

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