

ELE21 TEMPERATURE CONTROLLERS SERIES FOR REFRIGERATION

NEW

- * 2 inputs for temperature probes NTC 103AT-2
- * Power supply 115VAC, 230 VAC \pm 10% (50-60 Hz)
- * 1 relay output: 16 A or 30 A
- * Control functions: ON-OFF
- * Optional Internal buzzer for alarm signaling

TECHNICAL DATA	ELE21
	ELECTRICAL DATA
Power supply	115VAC, 230 VAC \pm 10% (50-60 Hz)
Power consumption	3 VA circa - 3 VA approx.
AC Frequency	50 / 60 Hz
	INPUT DATA
Thermistors	2 x Thermistors NTC 103AT-2 (10 k Ω at 25°C) -50...109 °C
Digital input	1 digital input for free voltage contact as alternative to input 2
	OUTPUT DATA
Relay	1 x relay output SPST - NO (30 A - 2HP 250 V, 1 HP 125 VAC) or 1 x relay output SPST - NO (16 A - 1HP 250 V, 1/2 HP 125 VAC)
Relay electric life	100,000 operations
	FUNCTIONAL DATA
Control	ON/OFF
Overall accuracy	\pm 0,5% f.s +1 digit
Defrost control	At interval time by stopping compressor
Acoustic alarm	Internal Buzzer (optional)
Ambient operating temperature	0...50°C
Ambient Storage temperature	-25...60°C
Ambient operating humidity	30...95 RH% without condensation
	MECHANICAL CHARACTERISTICS
Housing	Self-extinguishing plastic, UL 94 V0
Dimensions	78 x 35 mm - depth 64 mm
Weight	120 g approx.
Connections	2,5 mm ² screw terminal block
Montaggio Mounting	Flush in panel in 71 x 29 mm hole
Front panel protection	IP 65 mounted in panel with gasket

Rev. 03-2018

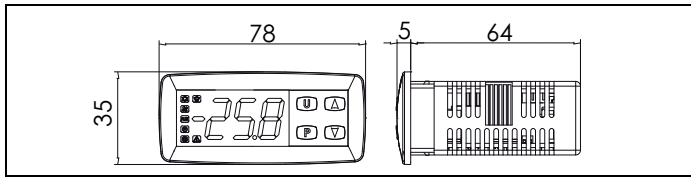


INSTRUMENT ENGINEERING

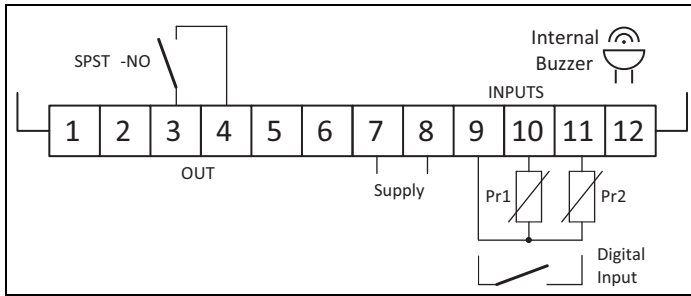
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DIMENSIONS (mm)



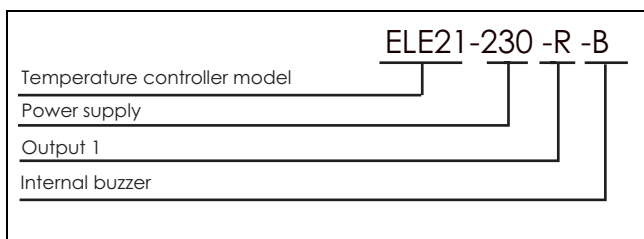
WIRING DIAGRAMS



CODING

ELE21		
Description	Codes	Description
Power supply	115	115 VAC
	230	230 VAC
Main output OUT 1	R	Relay SPST-NO 16 A
	HR	Relay SPDT 30 A AC1
Buzzer	B	Internal Buzzer
	-	None

EXAMPLES OF CODES' COMPOSITION



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