

E30

- THERMOSTATS AND CONTROLLERS FOR REFRIGERATING UNITS
- ENERGY SAVING FUNCTIONS 
- REDUCED DEPTH



FEATURES

DISPLAY	E30
Single	3 red or blue digit, h 17.7 mm
INPUTS	
Two	2x NTC 103AT-2 (10k Ω a 25°C) -50... +109°C (-58... +228°F)
Digital input	1 digital input for free voltage contacts as alternative to input 2
Accuracy	$\pm 0.5\%$ fs + 1 digit
OUTPUTS	
One	Relay SPST-NO (16A - 1HP 250V, 1/2HP 125 VAC); EN 61810: 16 (9) A - EN 60730: 10 (4)A- UL 60730: 12 A Res., 30 LRA, 5 FLA 12 A max. for plug-in version
Relay operations	100000 operations
FUNCTIONAL	
Control	ON/OFF
Defrosting control	At interval time by stopping compressor
Energy Saving functions	Available
Serial communication	TTL for parameters programming
GENERAL	
Power supply	230 VAC, 115 VAC $\pm 10\%$ (50/60 Hz)
Power consumption	2 VA approx.
Dimensions / Weight	78 x 35 mm - depth 34 mm or 42.2 mm with plug-in terminals / 105 g approx.
Keyboard	Mechanical
Connections	Inputs: Screw terminal block or plug-in connector for cables from 0.14 \div 1.5 mm ² /AWG 28 \div 16; Power supply and outputs: Screw terminal block or plug-in connector for cables from 0.2 \div 2.5 mm ² /AWG 24 \div 14
Mounting	Flush in panel in 71 x 29 mm hole
Front protection degree	IP65 (NEMA 3S), mounted in panel with gasket and screw brackets
Operating / storage temperature	0... +50°C (32... +122°F) / -25... +60°C (-13... +140°F)
Operating humidity	<95 RH% without condensation
Conformity	Directive 2004/108/CE (EN5022: classe B; EN61000-4-2: 8kV air, 4kV cont.; EN61000-4-3: 10V/m; EN61000-4-4: 2kV supply and relay outputs, 1kV inputs; EN61000-4-5: supply 2kV com. mode, 1 kV/diff. mode; EN61000-4-6: 3V), Directive 2006/95/CE (EN 60730-1, EN 60730-2-9), Regulation 37/2005/CE (EN13485 air, S, A, 2, -50°C +90°C wheter used with NTC 103AT11 probe)

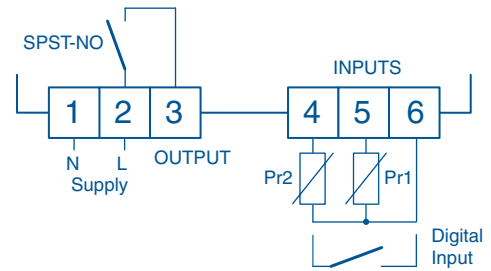
HOW TO ORDER

To compose the part number, pls. choose one of the option for each variable

E30	CODE
KEYBOARD	
Mechanical	-
POWER SUPPLY	
115 VAC	C
230 VAC	D
OUT 1	
Relay SPST NO-16A-AC1	R
CONNECTION	
Plug-in screw type	E
Plug-in screw type, fix part only	N
Fix screw type (standard)	V
DISPLAY	
Blue	C
Red (standard)	I

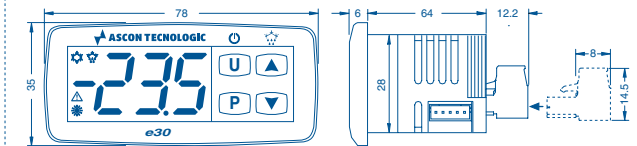
CONNECTIONS

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DIMENSIONS

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The dimensions are expressed in mm