

Z31A

- THERMOSTAT 1 INPUT AND 1 OUTPUT
- “SENSITIVE TOUCH” KEYBOARD



FEATURES	
DISPLAY	Z31A
Single	3 red or blue digit, h 15.5 mm
INPUTS	
One	PTC KTY 81-121 (990Ω at 25°C) -50... +150°C (-58... +302°F) or NTC 103AT-2 (10kΩ at 25°C) -50... +109°C (-58... +228°F)
Accuracy	±0.5% fs + 1 digit
OUTPUTS	
One	OUT 1: Relay SPDT or 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 electrical life	100000 operations for SPST-NO 16A and SPDT 8A relays 50000 operations for SPDT 16A relay
FUNCTIONAL	
Control	ON/OFF
Acoustic alarm	Internal Buzzer (optional)
GENERAL	
Power supply	12 Vac/Vdc, 12...24 Vac/Vdc, 100...240 Vac ±10% (50/60 Hz)
Power consumption	4 VA approx.
Dimensions / Weight	78 x 35 mm - depth 64 mm or 75.5 mm with plug-in terminals / 120 g approx.
Keyboard	Mechanical or “Sensitive Touch”
Connections	Screw terminal block 2.5 mm² or plu-in connector with screw terminals 2.5 mm²
Mounting	Flush in panel in 71 x 29 mm hole
Front protection degree	IP65, mounted in panel with gasket
Operating / storage temperature	0... +50°C (32... +122°F) / -25... +60°C (-13... +140°F)
Operating humidity	30... 95 RH% without condensation
Conformity	Directive 2004/108/CE (EN55022: class B; EN61000- 4-2: 8KV air, 4KV cont.; EN61000-4-3: 10V/m; EN61000-4-4: 2KV supply, inputs, outputs; EN61000-4-5: supply 2KV com. mode, 1 KV diff. mode; EN61000-4-6: 3V), 2006/95/CE (EN 60730-1, EN 60730-2-7, EN 60730-2-9). Regulation 37/2005/CE (EN13485 air, S, A, 2,- 50°C +90°C wheter used with NTC 103ATr1 probe).



EVERYTHING UNDER CONTROL

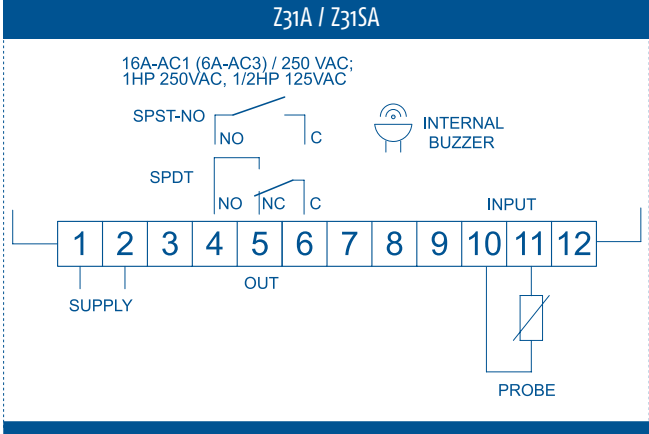
HOW TO ORDER

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

Z31A	CODE
KEYBOARD	
Mechanical	-
Sensitive-Touch (*)	S
POWER SUPPLY	
12 Vac/Vdc	F
12... 24 Vac/Vdc	G
100... 240 Vac	H
OUT 1	
Relay SPDT 16A-AC1	S
Relay SPST NO-16A-AC1	R
BUZZER (INTERNAL)	
Available	B
Not available	-
CONNECTION	
Plug-in screw type	E
Plug-in screw type, fix part only	N
Fix screw type (standard)	-
DISPLAY	
Blue	B
Red (standard)	-

(*) Capacitive Touch screen keyboard

CONNECTIONS



DIMENSIONS

