

X33H

- HUMIDITY AND TEMPERATURE CONTROLLER
- 4 INPUTS AND 4 OUTPUTS



FEATURES

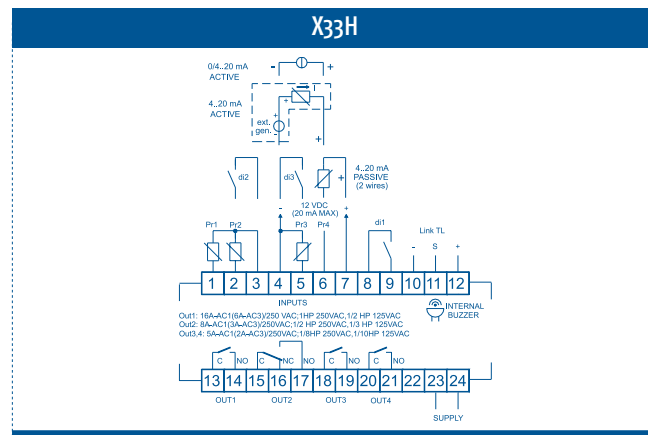
DISPLAY	X33H
Dual	4 digit, red and amber colours, h 7 mm
INPUTS	
Four	3x PTC KTY 81-121 (990Ω at 25°C) -50... +150°C (-58... +302°F) or 3x NTC 103AT-2 (10kΩ at 25°C) -50... +109°C (-58... +228°F) 2 of them can be used as digital inputs + 1 input for humidity probe (0/4... 20 mA)
Digital inputs	1 digital input for free voltage contacts + 2 optional digital inputs for free voltage contacts as alternative to temperature inputs
Accuracy	± 0.5 % fs + 1 digit
OUTPUTS	
Up to four	OUT1: Relay SPST (16A-AC1, 6A-AC3 250 Vac, 1 HP 250 Vac, 1/2HP 125 Vac) OUT2: Relay SPDT (8A-AC1, 3A-AC3 250 Vac, 1/2 HP 250 Vac, 1/3HP 125 Vac) OUT3 e OUT4: Relay SPST-NO (5A-AC1, 2A-AC3 250 Vac, 1/8 HP 250 Vac, 1/10HP 125 Vac). 12 A max. for plug-in version
Auxiliary power supply	12 Vdc/20 mA max.
FUNCTIONAL	
Control	ON/OFF
Acoustic alarm	Internal Buzzer (optional)
Defrosting control	At intervals time by stopping compressor, by electrical heating or hot gas/reverse cycle
GENERAL	
Power supply	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 / 180 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)

HOW TO ORDER

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

X33H	CODE
POWER SUPPLY	
100...240Vac/Vdc	H
OUT 1	
Relay SPST-16A-AC1	R
OUT 2	
Relay SPDT-8A-AC1	R
Not available	-
OUT 3	
Relay SPST-NO 5A-AC1	R
Not available	-
OUT 4	
Relay SPST-NO 5A-AC1	R
Not available	-
BUZZER (INTERNAL)	
Available	B
Not available	-

CONNECTIONS



DIMENSIONS

