

Y39W

- CONTROLLER FOR WINE CELLARS AND SPECIAL APPLICATIONS
- SINGLE/DUAL LOOP
- SENSITIVE-TOUCH KEYBOARD



FEATURES

DISPLAY	Y33
Single	3 red, blue or white digit, h 15.5 mm
INPUTS	
Three	3x NTC 103AT-2 (10kΩ at 25°C) -50... +109°C (-58... +228°F)
Digital input	1 digital input for free voltage contacts as alternative to input 3
Accuracy	± 0.5 % fs + 1 digit
OUTPUTS	
Up to three	OUT1: 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 OUT2: Relay SPDT (8A, 1/2HP 250Vac, 1/3HP 125Vac); EN 61810: 8 (3) A - EN 60730: 4 (4) A - UL 60730: 4 A Res. OUT3: Relay SPST-NO (5A - 1/8HP 250 Vac - 1/10HP 125 Vac); EN 61810: 5 (2) A - EN 60730: 2 (2) A - UL 60730: 2 A Res. 16A max.(12A pfor plug-in version) for common relay (term. 1)
Relay operations	100000 operations
FUNCTIONAL	
Control	ON/OFF
Acoustic alarm	Internal Buzzer (optional)
Defrosting control	At intervals time, at reaching temperature by stopping compressor, by electrical heating or hot gas/reverse cycle
Some typical applications	Mono-temperature cell with neutral zone control (Cooling or Heating) Multi-temperature cell with control of two separate zones (Cooling and Heating) Multi-temperature cell with control of two separate but dependent zones (Cooling and Cooling)
Special functions	Delay functions on control outputs and delay at start up Defrost control (automatic and manual) Fan control Alarms (temperature, external digital input, open door)
GENERAL	
Power supply	12 Vac/Vdc, 12... 24 Vac/Vdc, 100... 240 Vac ±10% (50/60 Hz)
Power consumption	3.5 VA approx.
Dimensions / Weight	78 x 35 mm - depth 64 mm or 75.5 mm with plug-in terminals / 130 g approx.
Keyboard	Mechanical or "Sensitive Touch"
Connections	Screw terminal block 2.5 mm ² or plug-in connector with screw terminals 2.5 mm ²
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 103AT11 probe)

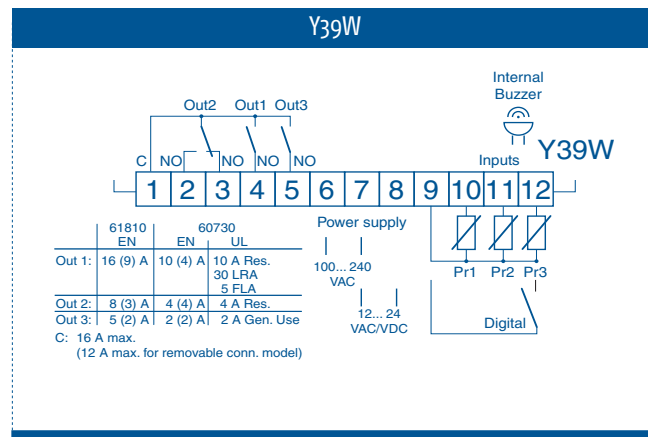
HOW TO ORDER

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

Y39W	CODE
KEYBOARD	
Mechanical	-
Sensitive-Touch (*)	S
POWER SUPPLY	
12 Vac/Vdc	F
12... 24 Vac/Vdc	G
100... 240 Vac	H
OUT 1	
Relay SPST-NO 16A	R
OUT 2	
Relay SPDT 8A-AC1	R
Not available	-
OUT 3	
Relay SPST 5A-AC1	R
Non prevista	-
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
White	T
Red (standard)	-

(*) Capacitive Touch screen keyboard

CONNECTIONS



DIMENSIONS

