

TLW24

- CONTROLLER FOR REFRIGERATING UNITS
- UP TO 2 INPUTS AND 4 OUTPUTS
- PICK RECORDING
- INOX FRONT FRAME

FEATURES



DISPLAY	TLW24
Single	4 red or blue digit, h 12 mm
INPUTS	
Up to two	2x PTC KTY 81-121 (990Ω at 25°C): -50... +150°C (-58... +302°F) or 2x NTC 103AT-2 (10kΩ at 25°C): -50... +109°C (-58... +228°F) or 2x PT1000: -100... +100°C (-148... +212°F)
Digital input	1 digital input for free voltage contacts
Accuracy	± 0.5 % fs + 1 digit
OUTPUTS	
Up to four	OUT1: Relay SPST-NO (16A-AC1, 12A-AC3 /250Vac, 2HP 250Vac, 1HP 125Vac) OUT2: Relay SPDT (8A-AC1, 3A-AC3 250 Vac, 1/2HP 250 Vac, 1/3 HP 125 Vac) OUT3: Relay SPST-NO (8A-AC1, 3A-AC3 250 Vac, 1/2HP 250 Vac, 1/3 HP 125 Vac) OUT4: Relay SPST-NO (R) o SPDT (S) (16A-AC1, 6A-AC3 250 Vac, 1HP 250Vac, 1/2HP 125 Vac) Power supply common (term. 13, 14): 16 A max. (11.5 A max. for UL873 with Faston terminals)
Relay operations	OUT1, OUT2, OUT3: 30000 operations OUT4: 50000 operations (VDE approval)
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
Special functions	Stand-by, light control, min./max. picks recording, keyboard lock, duty cycle function
Serial communication	RS485 by means of the external module A30 (see "Accessories" section)
GENERAL	
Power supply	12 Vac/Vdc, 12... 24 Vac/Vdc, 100... 240 Vac ±10% (50/60 Hz)
Power consumption	6 VA approx.
Frontal frame	Grey or white autoextinguishing plastic UL 94 Vo or Inox steel, with transparent protective cover (optional)
Dimensions / Weight	185 x 38 mm, depth 79 mm / 240 g approx.
Connections	Faston male 6.3 mm or Screw terminal block 2.5 mm²
Mounting	Flush in panel in 31 x 150 mm hole, with screw protective covers
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 CEE EMC 2004/108/CE (EN 61326), Directive CEE BT 2006/95/CE (EN 61010-1)

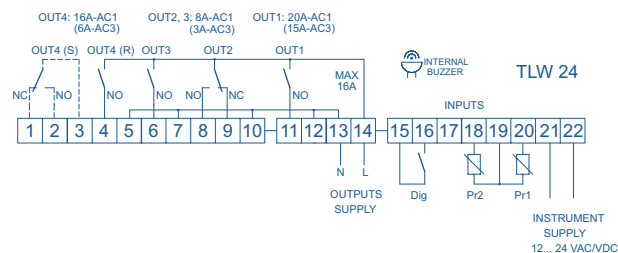
HOW TO ORDER

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

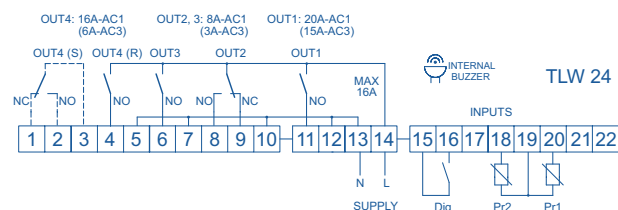
TLW24	CODE
OUT 2	
Relay 8A SPDT	R
Not available	-
OUT 3	
Relay 8A SPDT	R
Not available	-
OUT 4	
Relay 16A SPST	R
Relay 16A SPDT	S
Not available	-
BUZZER (INTERNAL)	
Available	B
Not available	-
CONNECTIONS	
Screw type	MV
Faston type	--
DISPLAY AND FRONT FRAME COLOUR	
Red Display, Grey front frame	--
Red Display, White front frame	RB
Red Display, Inox front frame	-X
Blue Display, Grey front frame	B-
Blue Display, White front frame	BB
Blue Display, Inox front frame	BX
SPECIAL VERSIONS	
Input for PT1000 -100+100°C	P
DUTY CYCLE function	F
Standard	-
POWER SUPPLY	
100... 240 Vac	-
12 Vac/Vdc	F
12... 24 Vac/Vdc	G

CONNECTIONS

TLW24 - POWER SUPPLY 12... 24 VAC



TLW24 - OTHER POWER SUPPLIES



DIMENSIONS

TLW24

