MILK TANK CONTROLLERS

- TEMPERATURE AND AGITATOR CONTROL
- 1 INPUT AND UP TO 3 OUTPUTS





FEATURES

DISPLAY	TLJ29M	TLJ35M
Single	4 red digit, h 12 mm	
INPUTS		
One	Thermistors PTC KTY 81-121 (990Ω at 25°C): -50... +150°C (-58... +302°F) or Thermistors NTC 103AT-2 (10kΩ at 25°C): -50... +109°C (-58... 228°F)	
Digital inputs	1 digital input for free voltage contacts	
Accuracy	± 0.5% span + 1 digit	
OUTPUTS		
Up to 3	OUT1: Relay SPST-NO (16A-AC1, 6A-AC3 250 Vac) OUT2 agitator: Relay SPDT (8A-AC1, 3A-AC3 250 Vac) OUT3: Relay SPSTNO (5A-AC1, 2A-AC3 250 Vac) 16 A max. for Common (term. 1)	OUT1: Relay SPST-NO (16A-AC1, 6AAC3 250 Vac, 1HP 250Vac, 1/2HP 125 Vac) or SPDT (16A-AC1-NO, 8A-AC1-NC, 6A-AC3 250 Vac,1HP 250Vac, 1/2HP 125 Vac) OUT2 agitator: Relay SPDT (8A-AC1, 3A-AC3 250 Vac, 1/2HP 250Vac,1/3HP 125 Vac) OUT3: Relay SPST-NO (8A-AC1, 3A-AC3 250 Vac, 1/2HP 250Vac, 1/3HP 125 Vac)
Relay operations	OUT SPST-NO: 100000 operations, OUT SPDT: 50000 operations	OUT SPST-NO: 100000 operations, OUT SPDT: 50000 operations (VDE), AGIT and OUT4: 100000 operations
FUNCTIONAL		
Control	ON/OFF	
Agitator control	With automatic or manual cycle	
Acoustic alarm	Internal buzzer (optional)	
GENERAL		
Power supply	12 Vac/Vdc, 24 Vac/Vdc, 100... 240 Vac ±10% (50/60 Hz)	
Power consumption	4 VA approx.	
Dimensions / Weight	78 x35 mm, depth 64 mm / 115 g approx.	70 x 84 x 60 mm, 4 DIN rail module / 180 g approx.
Mounting	Flush in panel in 71 x 29 mm hole	On OMEGA DIN A rail
Connections	Screw terminal block 2.5 mm²	
Front protection degree	IP65, mounted in panel with gasket	IP20
Operating / storage temperature	0... 50°C (32... 122°F) / -30... 70°C (-22... 158°F)	
Operating humidity	30... 95 RH% without condensation	
Conformity	Directive EMC 2004/108/CE (EN 61326-1), Directive BT 2006/95/CE (EN 61010-1)	Directive 2004/108/CE (EN 61326; 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 61010-1, EN 60730-1, EN 60730-2-7, EN 60730-2-9)

HOW TO ORDER

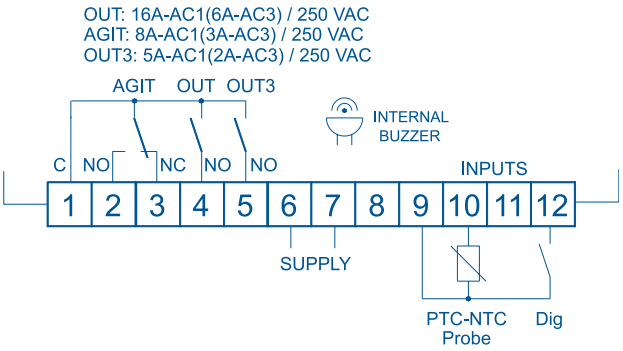
To compose the part number, pls. choose one of the option for each variable

TLJ29 M	CODE
POWER SUPPLY	
24 Vac/Vdc	L
90...240 Vac	H
12 Vac/Vdc	F
OUT 2	
Relay	R
OUT 3	
Relay	R
Not available	-
BUZZER	
Available	B
Not available	-

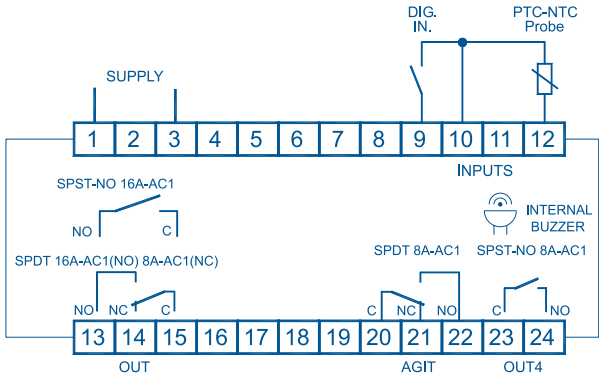
TLJ35 M	CODE
POWER SUPPLY	
24 Vac/Vdc	L
90...240 Vac	H
12 Vac/Vdc	F
OUT 1	
Relay SPDT 16A AC1	S
Relay SPST-NO-16A AC1	R
BUZZER	
Available	B
OUT 3	
Relay	R
OUT 4	
Relay	R
Not available	-

CONNECTIONS

TLJ29M

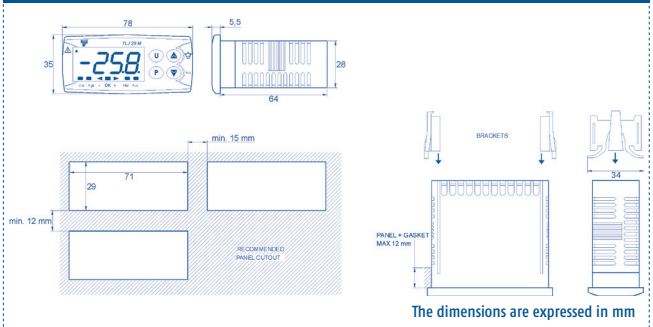


TLJ35M



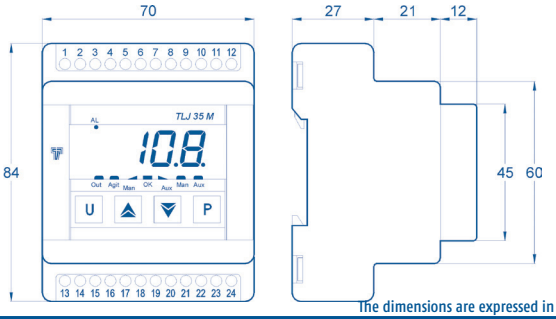
DIMENSIONS

TLJ29M



The dimensions are expressed in mm

TLJ35M



The dimensions are expressed in mm