

T31

- MULTISCALE AND MULTIFUNCTION TIMER
- UP TO 2 OUTPUTS
- NFC PROGRAMMING



FEATURES

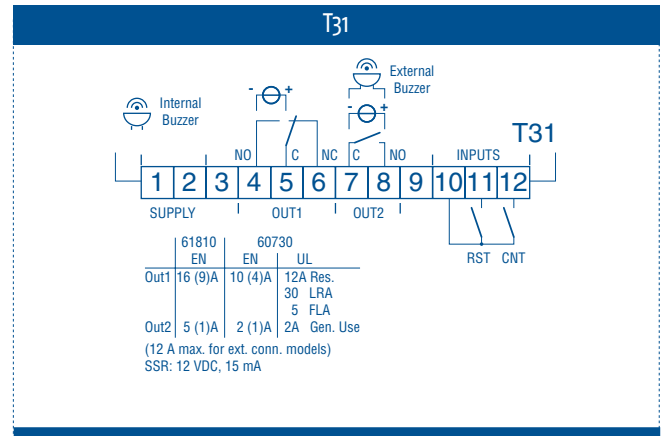
DISPLAY	T31
Single display	4 red or blue digit, h 12 mm
INPUT	
Digital input	2 for free voltage contacts
Delay time inputs	15 msec max.
OUTPUTS	
Up to 2	OUT1: Relay SPDT 16A EN61810: 16 (9) A, 1HP 250V, 1/2HP 125VAC UL 60730: 12A Res., 30 LRA, 5 FLA or 12 Vdc/15 mA for SSR driving (12A max for plug-in terminal version)
Relay electrical life	OUT2: Relay SPST-NO 5A EN61810: 5 (1) A, 1HP 250V, 1/2HP 125VAC UL 60730: 2A Gen.use or 12 Vdc/15 mA for SSR driving (12A max for plug-in terminal version)
FUNCTIONAL	
Functioning mode	Up to 3 set point 5 functioning mode for OUT1 5 functioning mode for OUT2 6 counting enabling modes 2 counting modes (UP or DOWN)
Time scale	9999 hrs - 99 hrs 59 min - 99 min 59 sec - 99 sec 99 hundredths of a second
Display resolution	According to the scale used: Hours - Minutes - Seconds - Hundredths of a second
Overall accuracy	± 0.1% f.s.
GENERAL	
Power supply	12 Vac/Vdc, 24 Vac/Vdc, 90... 240 Vac/Vdc ±10% (50/60 Hz)
Power consumption	3 VA approx.
Dimensions / Weight	78 x 35 mm - depth 64 mm / 125 g approx.
Connections	Power supply and outputs: screw terminal block 2x1 mm ² or plug-in or Faston Inputs: 2x1 mm ² screw terminal block or plug-in
Mounting	Flush in panel in 29 x 71 mm hole
Front protection degree	IP 65, mounted on panel with gasket and screw brackets
Operating / storage temperature	0... 50°C (32... 122°F) / -25... 60°C (-13... 140°F)
Operating humidity	Lower than 95 RH% without condensation / 30... 95 RH% without condensation
Conformity	Directive CEE BT 2006/95/CE (EN61812-1); Directive EMC 2014/108/UN (EN55022: class B; EN61000-4-2: 8 kV air, 4 kV cont.; EN61000-4-3: 10V/m; EN61000-4-4: 2 kV supply and relay outputs, 1kV inputs; EN61000-4-5: supply 2 kV com. mode, 1 kV diff. mode; EN61000-4-6: 3V).

HOW TO ORDER

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

T31	CODE
NFC PROGRAMMING	
Available	N
Not available	-
POWER SUPPLY	
12 Vac/Vdc	F
100... 240 Vac/Vdc	H
24 Vac/Vdc	L
OUT 1	
Relay SPDT 16A-AC1	S
12 Vdc for SSR driving	O
OUT 2	
Relay SPST-NO 5A	R
12 Vdc for SSR driving or external Buzzer	O
Non presente	-
INTERNAL BUZZER	
Available	B
Not available	-
POWER SUPPLY AND OUTPUT TERMINALS	
Screw terminal block (standard)	V
Plug-in screw type p. 5.00	E
Plug-in screw type, fix part only p. 5.00	N
Faston 6.3	F
INPUT TERMINALS	
Screw terminal block (standard)	V
Plug-in screw type 5.00	E
Plug-in screw type, fix part only p. 5.00	N
DISPLAY	
Red	R
Blue	U

CONNECTIONS



DIMENSIONS

