



## 88886516-TMR 48 L



- ✓ Multi-function or mono-function
- ✓ Multi-range from 0.02 s to 300 h
- ✓ Multi-voltage 12 to 240 VDC / 24 to 240 V AC
- ✓ Time setting displayed on dial
- ✓ 2 changeover relays 5 A / 250 VAC
- ✓ Display of power and output states by 2 LEDs
- ✓ Housing 48 x 48 mm

### Supply voltage Un

Operating range	± 10% DC supply - 15% / + 10% AC supply
Frequency	50 / 60 Hz
Power consumption	4.8 VA / 230 VAC 2.5 VA / 110 VAC 1.1 VA / 24 VAC 0.5 W / 24 VDC 0.8 W / 12 VDC
Timing ranges (14 available options)	0,02 → 1,2 s 0,05 → 3 s 0,2 → 12 s 0,5 → 30 s 2 → 120 s 5 → 300 s 0,2 → 12 min. 0,5 → 30 min. 2 → 120 min. 5 → 300 min. 0,2 → 12 h 0,5 → 30 h 2 → 120 h 5 → 300 h
Repetition accuracy	± 0.5% of full scale at 25°C (typical with constant parameters)
Temperature drift according to CEI/EN 61812	± 0.05% of full scale
Display precision	± 5% of full scale at 25°C
Minimum pulse duration START	25 ms
Minimum pulse duration GATE	60 ms
Minimum pulse duration RESET	60 ms
Retard à la disponibilité par coupure de tension (START strappé)	50 ms

### Nominal rating

Nominal insulation voltage	250 VAC
Rated power (resistive load)	2000 VA
Minimum current	10 mA
Electrical life at I max. 250 V AC resistive (number of operations)	10 <sup>5</sup>
Mechanical life (operations)	30 x 10 <sup>6</sup>

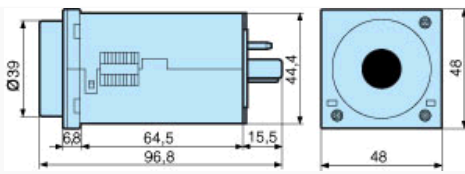
### Display of output state by 2 LEDs

Operating temperature range (°C)	-20 → +55
Storage temperature range (°C)	-40 → +70
Breakdown voltage	2 KV
Protection class (IEC 60529) - Panel-mounted	IP 50
Protection class (IEC 60529) - Casing	IP 40
Housing material	self-extinguishing
Weight (g)	140

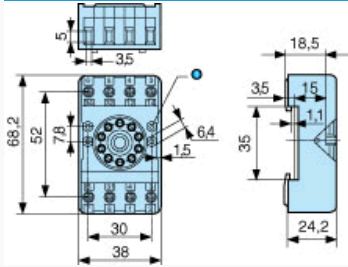
### Accessories

	Code
11-pin connector base	25622080
8-pin connector base	25622130
Spring clips (pack of 2)	79237739

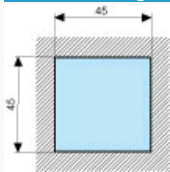
Dimension Diagram : TMR 48 U / A / X / L



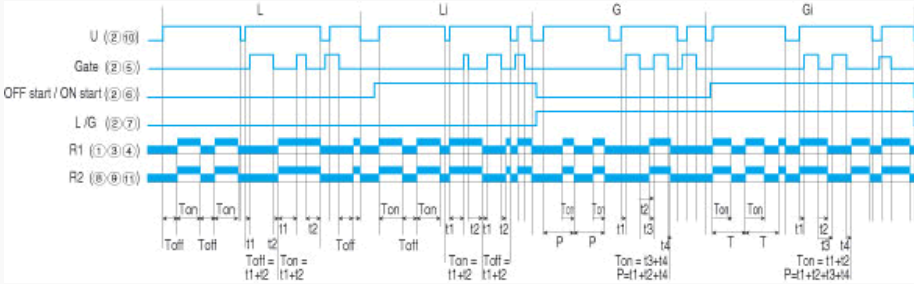
Dimension Diagram : 35 mm DIN rail base with clips 79 237 739



Dimension Diagram : Panel cut-out



Curves : Function L/Li - G/Gi Cyclic timing: asymmetrical recycler



: TMR 48 L

