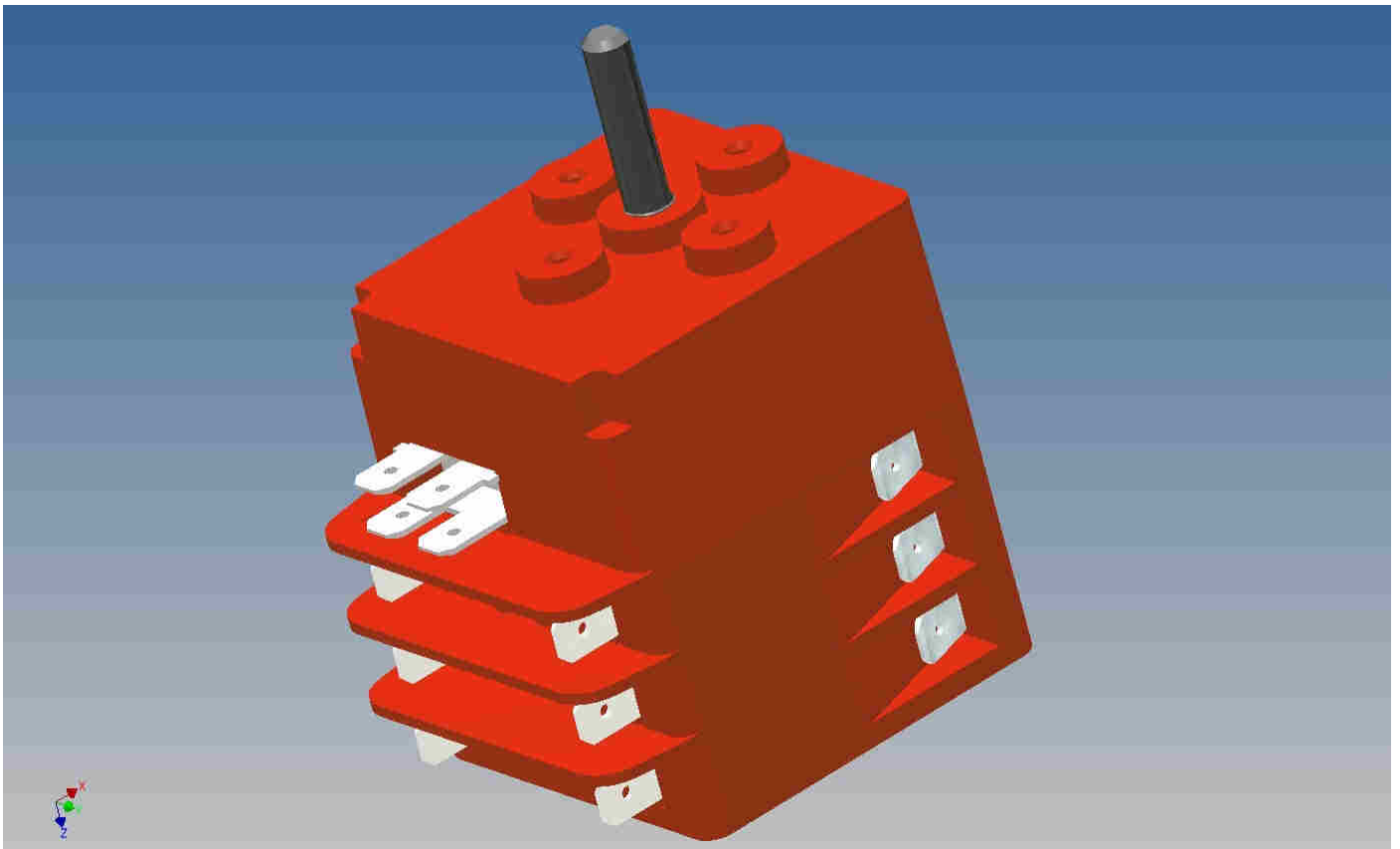


## TECHNICAL DATA

NT-Mi15-12/Ind4

# SYNCHRONOUS TIME SWITCH MI15



## Product :

Synchronous motor Timer using for household appliances.

Cooking, drying, cooling ...

Large range of timing : 15 min to 24H

Different electric configuration : 1 to 6 switches

Different length and direction of the main shaft

## Electrical features :

- Switch conform to	EN 60730-1:2011
	EN 60730 -2 -7:2010
- Standard	KEMA ENEC
- Rated voltage	250VAC
- Intensity	16 (4)Amps max
- Distance between contact	> or = 3mm
- Creepage distance (normal situation)	Mini 5 mm
- Degree of protection	IP00
- Proof tracking index	PTI 250V
- Switch for appliance class	I – II
- Dielectric strength	3750 VAC
- Number of electrical operation	10.000 cycles
- Tab terminals	6.35x0.8mm
- Patterns nos	1(NO) and 1(NC)
- Number of switches	1 to 6 contacts
- Switch position at rest	NO-NC
- Configuration of switches possible	SPST DPST SPDT DPDT
- Minimum contact pressure	NO : 40g NC: 30g
- Degree of protection	IP00
- Degree of pollution	2
- Category to heat and fire	850°C
- Insulating material	tracking resistant (250V)

# TECHNICAL DATA

NT-Mi15-12/Ind4

- Overvoltage category II
- Temperature limit T85°C
- Max T° of terminals 150°C
- **IMPORTANT :** In limit conditions of using (T°85 under 16 Amps) Temperature of terminals could reach 150°C. Appropriate connectors and wires shall be used in the end-appliance to connect the timer.

**Motor features :**

- Motor type synchronous
- Rated voltage 230 VAC +/- 10%
- Frequency 50Hz (60 Hz)
- Absorbed power 1.5W
- Rotation number 600rpm (50 Hz)
- Insulate class H
- Using temperature -10°C to 85°C
- Marking According with standard

**Mechanical features :**

- Timing range 15' 30' 45' 60 '90 '
- 2h,3h,4h,6h,12h,14h,16h,24h.
- Timing tolerance +/- 3%
- Winding up direction clockwise
- Minimum timing angle 25°
- Maximum timing angle 300°
- Manual position 30° anti clockwise
- Angle accuracy of shat at rest +/- 2°
- Maxi Number of automatic cycles 10.000
- Number of manual cycles (using clutch) mini 2500
- Wind up Torque after 10° 10 to 20 N.cm
- Wind back torque 5 to 20 N.cm
- Residual operating torque 2 N.cm (depending on timing)
- Dimension of the main shaft diam x flat x lenght 6x4.6 different length

- Maximum radial load on shaft	15 N.cm
- Maximum thrust or traction on the shaft	100 N
- Max thrust on terminal when connecting/disconnecting	80 N
- Standard fixing with 2 screws at 28.6mm	DIN 7981
- Maximum of penetration depth of mounting screws	7.5mm
- Product identification see document	stamped 15XXX week-year
- Dimension	see on the documents
- Approximate weight	85gr 112gr 138gr

The Mi15 timers manufactured by Faucigny-Instruments fulfill the REACH regulation, RoHS directive and EU legislation and directives.

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