

**G.MILANI S.A.S.**

**DI TETTONI FABRIZIO & C.**

VIA CAVAGLIETTO, 25

28010 - CAVAGLIO D'AGOGNA NO (ITALIA)

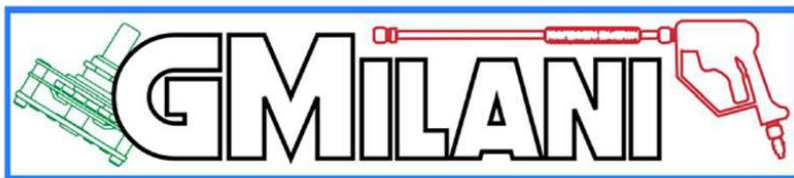
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## EQUIPMENT FOR HOT WATER PRESSURE CLEANERS TLR 4 FC

### Features:

#### Power supply:

230 Vac / 400 Vac – 50/60 Hz

#### Supported motor loads:

400 V up to 4 kW – 5 HP

230 V up to 3 kW – 4 HP

#### Diesel solenoid valve control:

10 A, NO clean contacts with 3-second delayed activation

#### Control inputs:

4 low voltage pressure switches including safety function  
(water shortage immediately deactivates the diesel solenoid valve)

#### Low voltage input:

required for board operation; can also be used  
to completely shut down the electronic section through an external switch

#### Electrical connections:

Faston 6.3 mm

#### Mechanical characteristics:

Dimensions (L × D × H): 85 × 68 × 47 mm, Weight: 450 g

#### Pump motor output:

internally controlled by 3 relays rated 16 A each

#### Protection:

Electronic board encapsulated in epoxy resin against dust and humidity



### Description:

The product has been designed for the management and control of pressure washers equipped with a boiler for hot water heating.

The main function, called TOTALSTOP, controls the switching off and on of the pump motor by interrupting all phases, with a standard timing of 13 seconds.

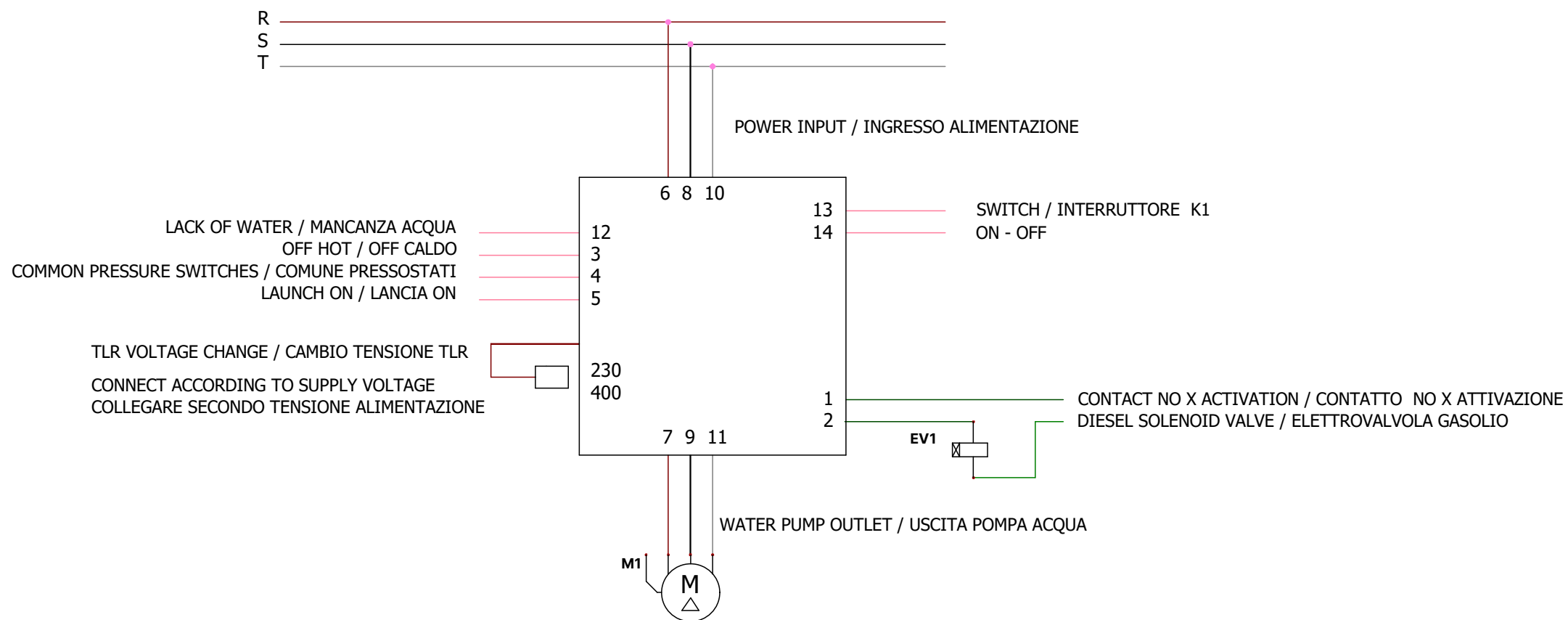
The unit is equipped with an internal relay featuring NO clean contacts, generally used for the delayed activation (3 seconds) of the diesel solenoid valve.

The low voltage input must be connected or short-circuited to allow board operation. It can be wired in series with an external switch to completely shut down the electronic section of the board.

The 4 pressure switch inputs also provide a safety control function: in case of water shortage, the diesel solenoid valve is immediately deactivated.



MADE IN ITALY



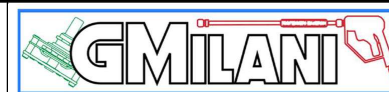
M1 -Water pump outlet / Uscita pompa acqua  
EV1 - Diesel solenoid valve / Elettrovalvola Gasolio  
K1 - Low Voltage Switch / Interruttore Bassa Tensione  
In single phase do not use 10-11 / In monofase non usare 10-11

TLR4FC

REV. DATE

DESIGNED  
G.Milani

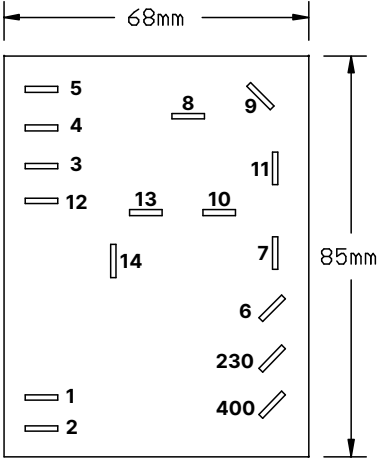
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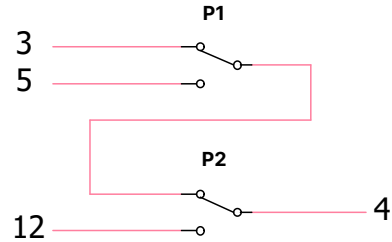
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CONTRACT:

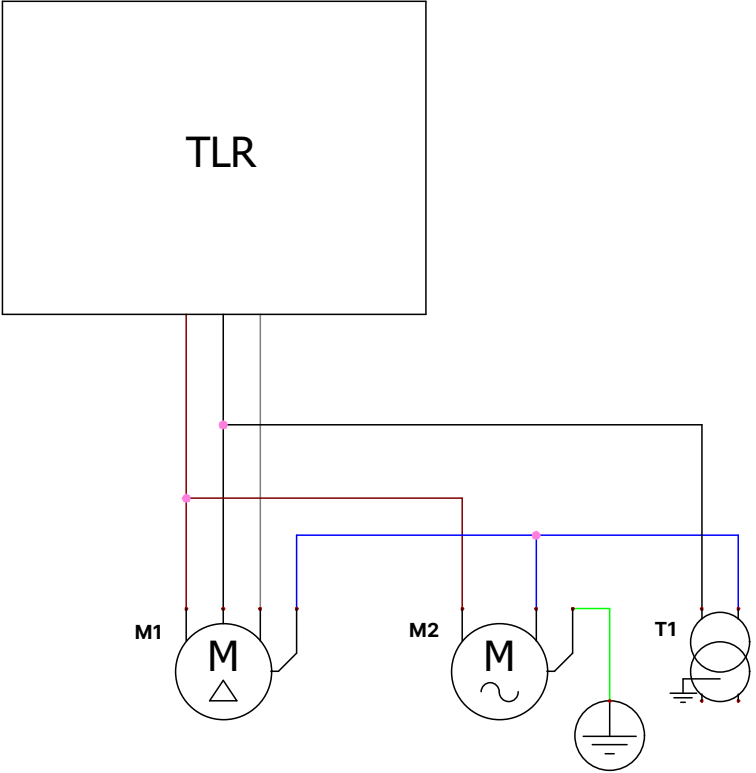
- T1 - Spark high voltage transformer / Trasformatore alta tensione scintilla  
M1 - Motor Pump / Motore Pompa  
M2 - Smoke fan motor / Motore ventola fumi  
P1 - Pressure switch generally mounted on the pump / Pressostato generalmente monatato su Pompa  
P2 - Pressure switch generally mounted on Bypass Valve / Pressostato generalmente montato su Valvola Bypass



Example of pressure switch connection  
Esempio collegamento pressostati



Example of Fan Motor and Spark Transformer connection  
Esempio collegamento Motore Ventola e Trasformatore Scintilla

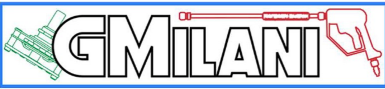


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SCHEME

CONTRACT: