

G.MILANI S.A.S.

DI TETTONI FABRIZIO & C.

VIA CAVAGLIETTO, 25

28010 - CAVAGLIO D'AGOGNA NO (ITALIA)

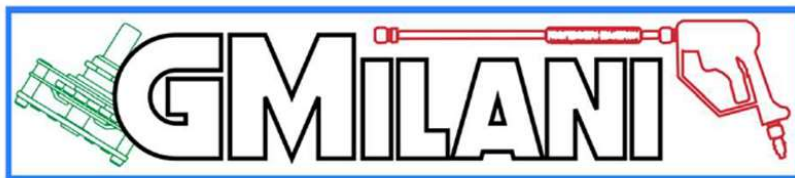
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EQUIPMENT FOR HOT WATER PRESSURE CLEANERS TLR 11

Features:

Power supply:

230 Vac / 400 Vac – 50/60 Hz

Supported motor loads:

400 V up to 7.5 kW – 10 HP

230 V up to 5.5 kW – 7.5 HP

Diesel solenoid valve control:

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

Control inputs:

low voltage pressure switches

Low voltage input:

for general On-Off control

Auxiliary output:

24 Vac (max 150 mA)

Electrical connections:

Faston 6.3 mm

Mechanical characteristics:

Dimensions (L × D × H): 99 × 99 × 48 mm, Weight: 750 g

Pump motor output:

internally controlled by 3 relays rated 40 A each

Protection:

Electronic board encapsulated in epoxy resin against dust and humidity



Description:

The TLR 11 has been designed for the total management and control of pressure washers equipped with a boiler for hot water heating.

The main function, called Total Stop, manages the shutdown of the pump motor with a standard timing of 12 seconds.

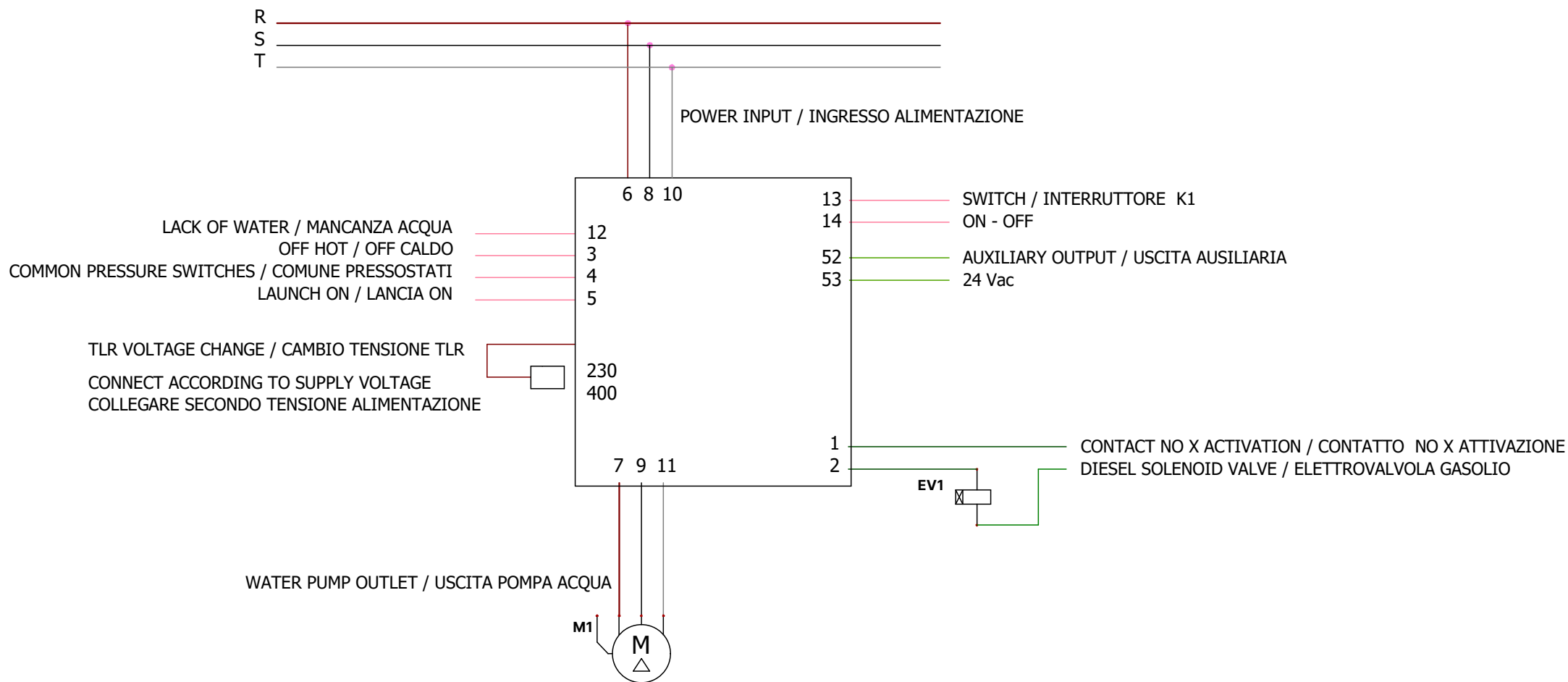
The unit is equipped with an internal relay featuring NO clean contacts, generally used for the delayed activation (3 seconds) of the diesel solenoid valve.

The TLR 11 includes an internal transformer, making it self-powered, and is provided with a 24 Vac auxiliary output (max 150 mA), which can be used to supply a diesel solenoid valve and a power-on indicator light.

A low voltage switch can be connected to completely shut down the electronic section of the board.

The board includes 4 pressure switch inputs which also provide a safety function for water shortage control, immediately deactivating the diesel solenoid valve.

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

TLR11

REV. DATE

DESIGNED
G.Milani

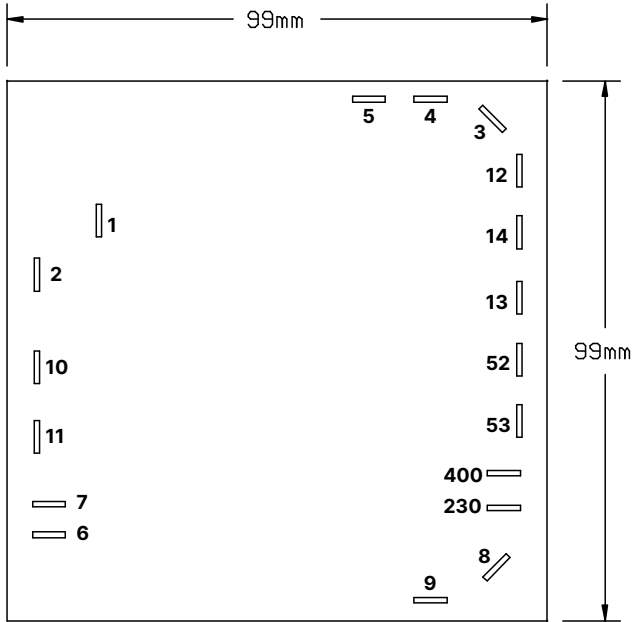
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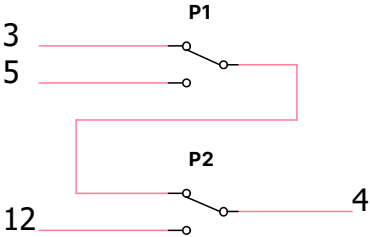
SCHEME

CONTRACT:

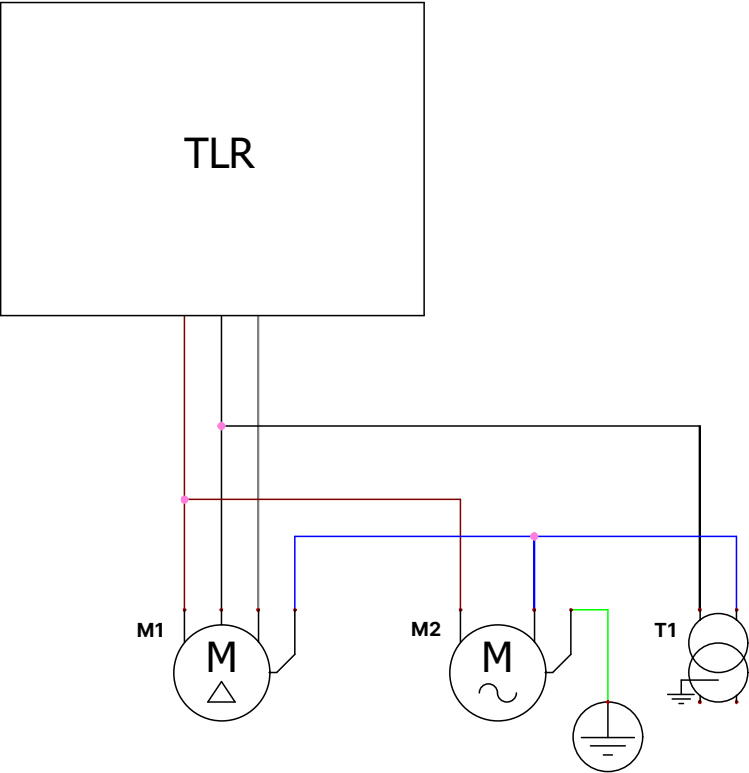
- T1 - Spark high voltage transformer / Trasformatore alta tensione scintilla
- M1 - Motor Pump / Motore Pompa
- M2 - Smoke fan motor / Motore ventola fumi
- P1 - Pressure switch generally mounted on the pump / Pressostato generalmente monatato su Pompa
- P2 - Pressure switch generally mounted on Bypass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



Example of pressure switch connection
Esempio collegamento pressostati



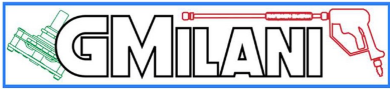
Example of Fan Motor and Spark Transformer connection
Esempio collegamento Motore Ventola e Trasformatore Scintilla



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SCHEME

CONTRACT: