**G.MILANI S.A.S.**
**DI TETTONI FABRIZIO & C.**
*VIA CAVAGLIETTO, 25*
*28010 - CAVAGLIO D'AGOGNA NO (ITALIA)*

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# HOT WATER PRESSURE WASHER EQUIPMENT
# TLR 4 EEP


Features:

- Power supply included 90Vac / 520Vac 50/60Hz
- For three-phase motors up to 4Kw – 5Hp
- For single-phase motors up to 3Kw – 4Hp
- EV diesel control NO clean contacts
- General On-Off in low voltage
- Low voltage pressure switches
- Managed by microprocessor
- Connections via 6.3mm faston
- Overall dimensions: (L x W x H) 85 × 68 × 47mm
- Weight: 300g

The new TLR 4 EEP, completely managed by a microprocessor, has the advantage of maintaining stable times; in addition, the new power supply system has been inserted that allows the card to be powered with a voltage between 90 and 520 Vac 50/60Hz without having to set anything. The voltage applied at the input will be recognized and will adapt, allowing it to function. The voltage for controlling the electronics applied to the input is the same that will power the pump.

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

Designed to keep costs low but managed by a microprocessor, the TLR4 EEP has additional functions that are not found in the TLR4 FC, there are no error warning lights but it allows you to choose the timing, enable or disable controls and functions during the purchase phase.

The standard values with which the equipment is supplied are:

TOTAL STOP (13 sec.)
E.V Diesel ignition delay (3 sec.)
Microleak control (enabled, block after 10 microleaks included in a time of 12 sec.)
Lack of water (enabled, total machine block after 12 sec.)
Total machine block after inactivity (enabled, 1h)
Total machine block for continuous use with pump always active (disabled)

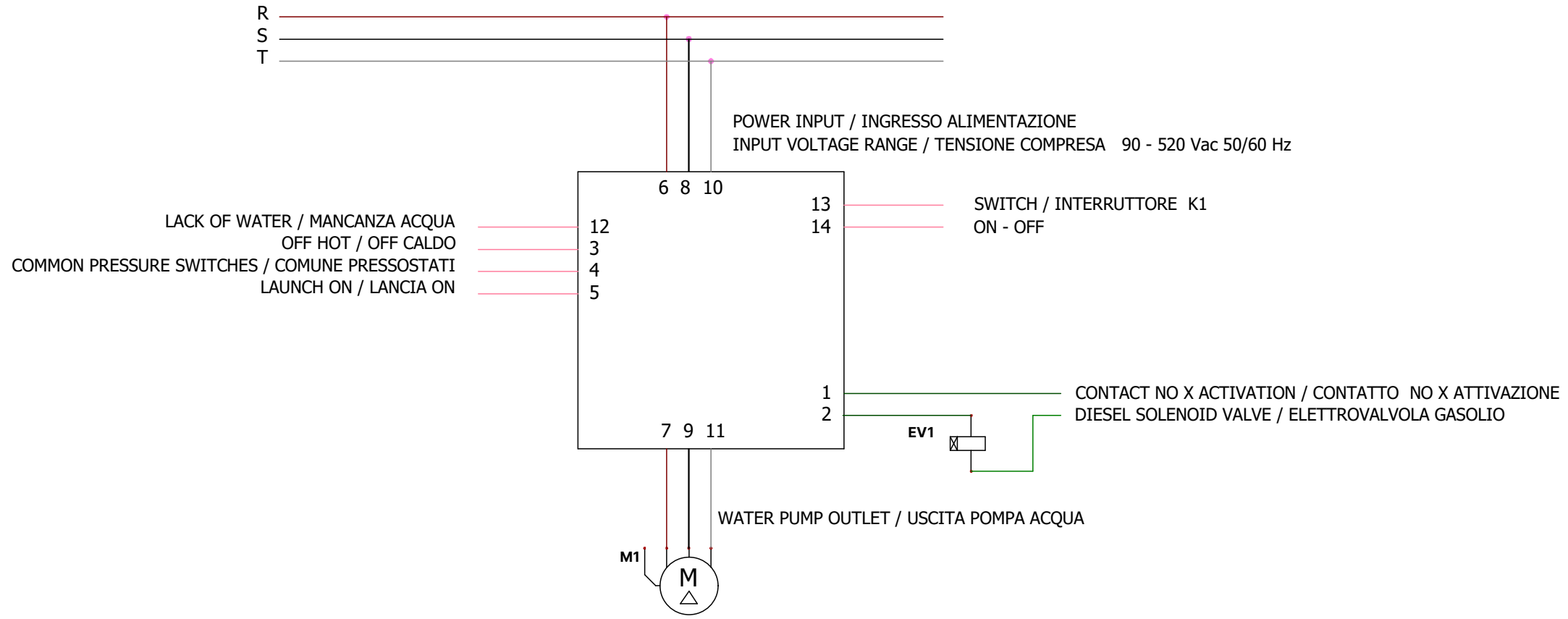
After an alarm is activated, simply turn off the equipment for a few seconds and normal operation will be restored.

The equipment is equipped with a relay with clean NO contacts inside, used for the delayed ignition of the diesel solenoid valve. It is also possible to connect a low voltage switch to completely turn off the electronic part of the board.

This new version maintains the same numbering and connection as the standard model, allowing compatibility and easy replacement.

Operating features:
Pump motor output controlled internally by 3 Relays.
Electronic board drowned in epoxy resin to eliminate the problem of dust and humidity.

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

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| | TLR4EEP | REV. | DATE | G.MILANI S.a.s<br>DI TETTONI FABRIZIO & C.<br>VIA CAVAGLIETTO, 25<br>28010 - CAVAGLIO d'AGOGNA NO (ITALIA)<br>mail: INFO@GMILANI.IT<br>tel: +39.0322.80.68.20 | GMILANI | SCHEME |
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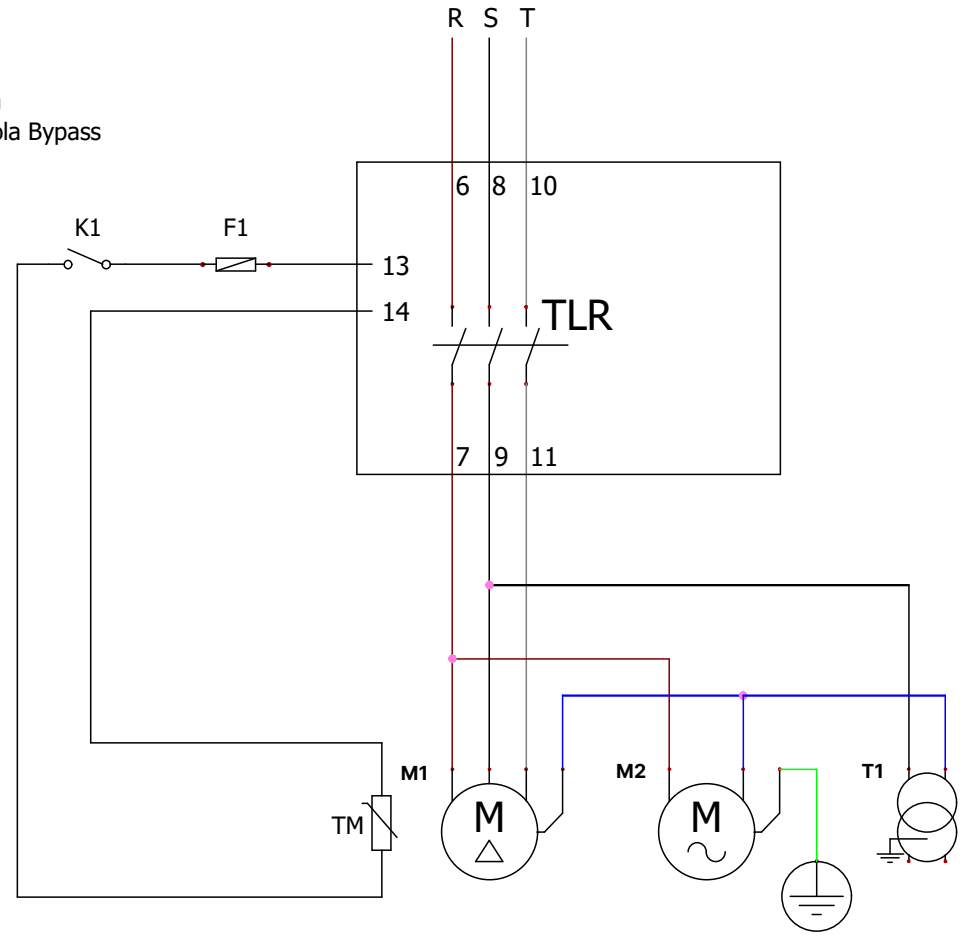
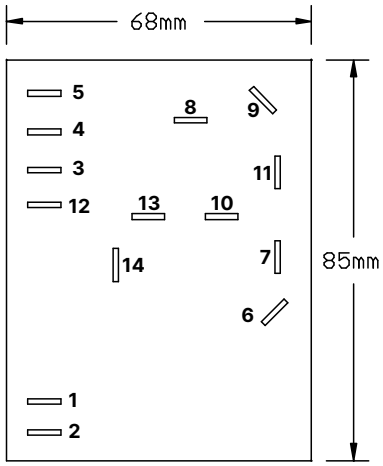
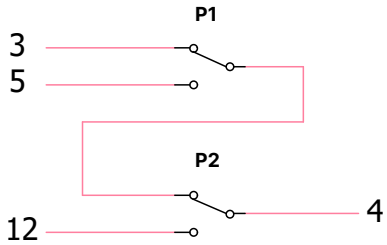
T1 - Spark high voltage transformer / Trasformatore alta tensione scintilla
M1 - Motor Pump / Motore Pompa
M2 - Smoke fan motor / Motore ventola fumi
F1 - Fuse / Fusibile
K1 - Low Voltage Switch / Interruttore Bassa Tensione
TM - motor safety thermal switch / Interruttore termica sicurezza motore
P1 - 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 Fan Motor and Spark Transformer connection
Esempio collegamento Motore Ventola e Trasformatore Scintilla




Example of pressure switch connection
Esempio collegamento pressostati

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