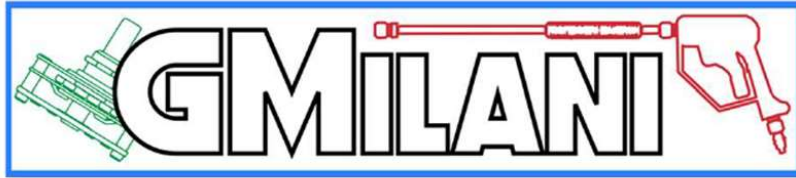


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EQUIPMENT FOR COLD WATER PRESSURE WASHERS TLR 11 AF



Characteristics:

- Power supply between: **90 and 520Vac 50/60Hz**
- For three-phase motors up to 7.5Kw – 10Hp
- For single-phase motors up to 5.5Kw – 7.5Hp
- Low voltage pressure switches
- Connections via 6.3mm faston
- Overall dimensions: (L x W x H) 110 × 55 × 48mm
- Weight: 360g
- CE regulations

The new product was specifically designed for the management and control of cold water high-pressure washers and will replace and standardize the FLW models.

The main innovation is to have eliminated the voltage change, we have studied a new power supply internal to the board, which replaces the transformer we have always used, this system brings numerous advantages: in addition to reducing the total weight of the TLR, it does not heat up like the previous, have more regular timing, has the great peculiarity of making the TLR powerable with an input voltage within a range between 90 and 520 Vac 50/60Hz.

The TLR is equipped with a direct input to be used (optional) to turn off the equipment, connecting in series for example: a main switch, emergency button, motor thermal probe etc...

It has the function of a simple timer for managing the pump motor, with a standard timing set at 7 seconds, other timings on request.

Unlike all other TLR models, the AF version does not have the initial TOTALSTOP to bring the system to pressure when the card is powered, the pump will only be activated when the pressure switch inputs are closed.

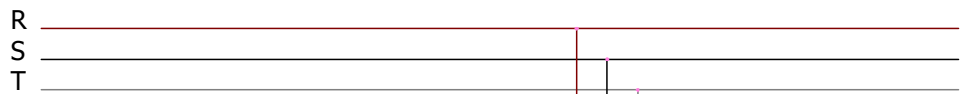
Work characteristics:

Pump motor output internally controlled by 3 separate relays.

Power input for switching off the equipment..

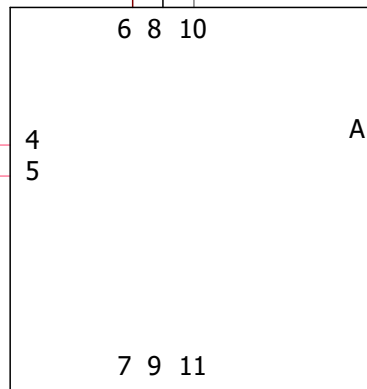
The electronic board is drowned in epoxy resin to eliminate the problem of dust and humidity.

MADE IN ITALY



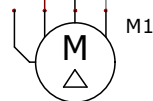
POWER INPUT / INGRESSO ALIMENTAZIONE
 INPUT VOLTAGE RANGE / TENSIONE COMPRESA 90 - 520 Vac 50/60 Hz

COMMON PRESSURE SWITCHES / COMUNE PRESSOSTATI
 LAUNCH ON / LANCIA ON



EQUIPMENT POWER INPUT / INGRESSO ALIMENTAZIONE APPARECCHIATURA
 IF NOT USED JOIN WITH 8 / SE NON USATO UNIRE CON 8

WATER PUMP OUTLET / USCITA POMPA ACQUA



M1 -Water pump outlet / Uscita pompa acqua

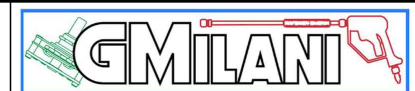
In single phase do not use 10-11 / In monofase non usare 10-11

TLR11 AF

REV. DATE

DESIGNED
G.Milani

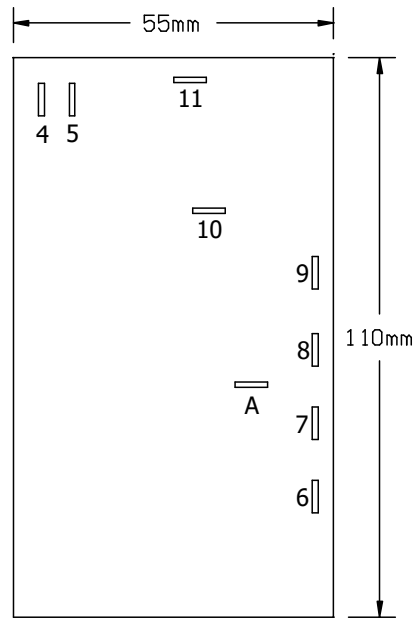
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SCHEME

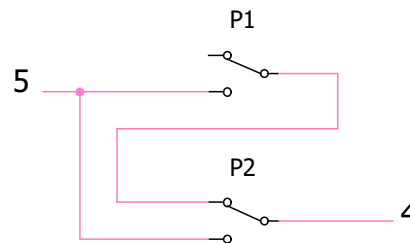
CONTRACT:

P1 - Pressure switch generally mounted on the pump / Pressostato generalmente montato su Pompa
P2 - Pressure switch generally mounted on Bypass Valve / Pressostato generalmente montato su Valvola Bypass

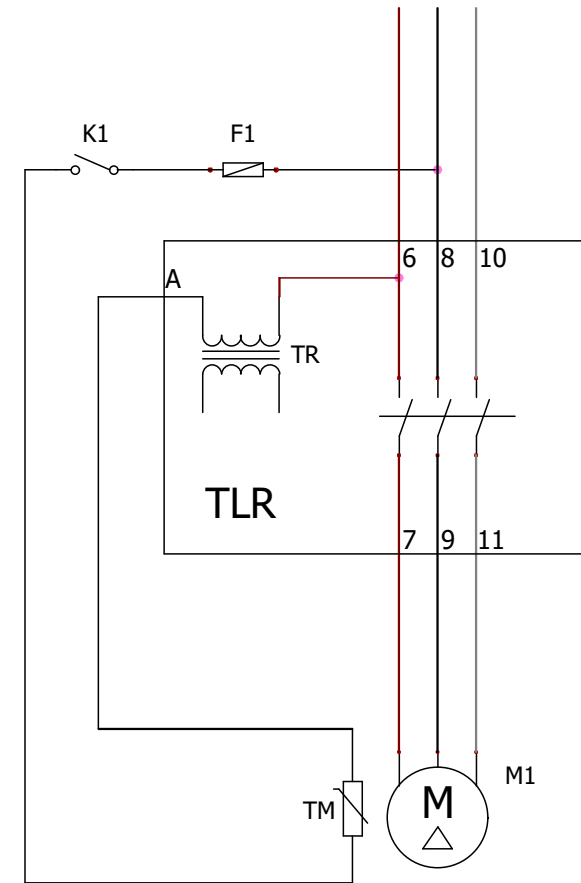


Height / Altezza 48mm

Example of pressure switch connection
Esempio collegamento pressostati



Example of connection with main switch, fuse and motor thermal switch
Esempio di collegamento con interruttore generale, fusibile e termica motore



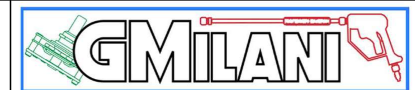
M1 - Motor pump / Motore pompa
TR- Internal TLR power supply / Alimentazione interna TLR
F1 - Fuse / Fusibile
K1 - Main switch / Interruttore generale
TM - motor safety thermal switch / Interruttore termica sicurezza motore

TLR11 AF

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SCHEME

CONTRACT: