

G.MILANI S.A.S.

DI TETTONI FABRIZIO & C.

VIA CAVAGLIETTO, 25

28010 - CAVAGLIO D'AGOGNA NO (ITALIA)

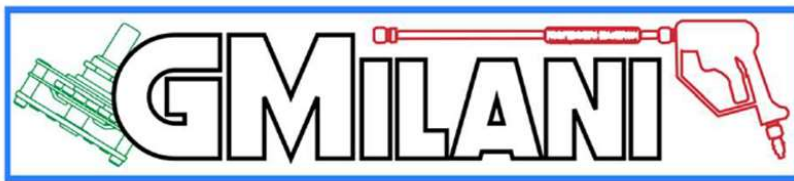
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EQUIPMENT FOR COLD WATER PRESSURE WASHERS TLR 11 AF



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 x 55 x 48mm
- Weight: 360g

The new product has been specifically designed for the management and control of cold water pressure washers, it will replace and standardize the FLW models.

The new power supply system has been added 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 to allow it to function. The voltage for controlling the electronics applied to the input is the same that will power the pump.

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

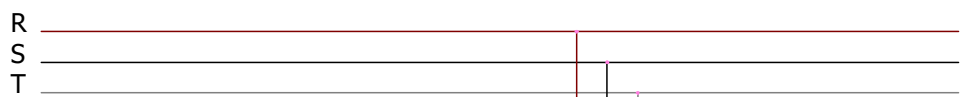
Operating characteristics:

Pump motor output controlled internally by 3 separate relays.

Power input for switching off the equipment.

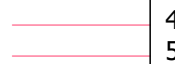
The electronic board is drowned in epoxy resin to eliminate the problem of dust and humidity.

MADE IN ITALY



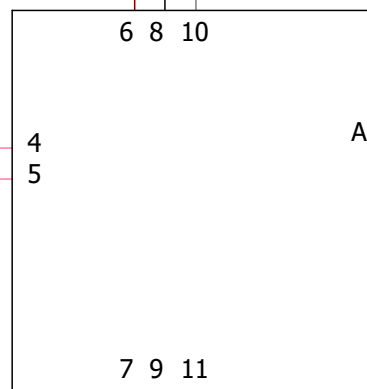
POWER INPUT / INGRESSO ALIMENTAZIONE
INPUT VOLTAGE RANGE / TENSIONE COMPRESA 90 - 520 Vac 50/60 Hz

COMMON PRESSURE SWITCHES / COMUNE PRESSOSTATI
LAUNCH ON / LANCIA ON

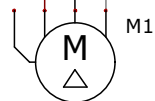


EQUIPMENT POWER INPUT / INGRESSO ALIMENTAZIONE APPARECCHIATURA
IF NOT USED JOIN WITH 8 / SE NON USATO UNIRE CON 8

A



WATER PUMP OUTLET / USCITA POMPA ACQUA



M1 -Water pump outlet / Uscita pompa acqua

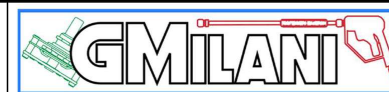
In single phase do not use 10-11 / In monofase non usare 10-11

TLR11 AF

REV. DATE

DESIGNED
G.Milani

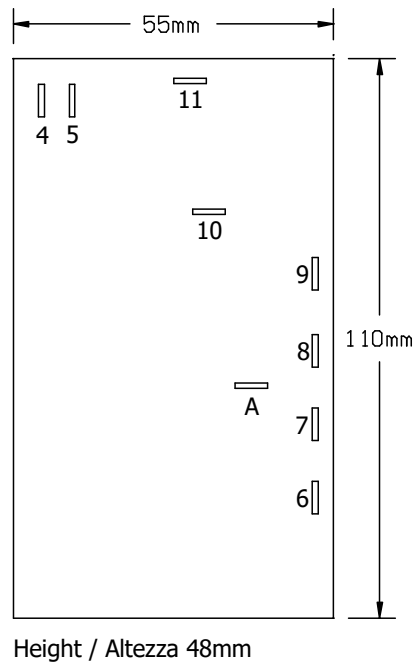
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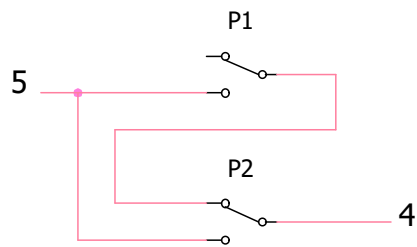
SCHEME

CONTRACT:

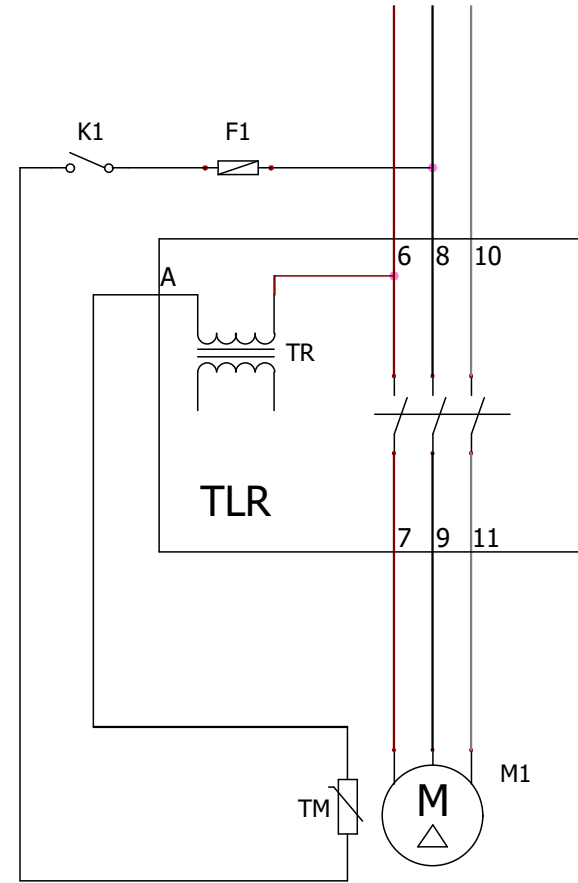
P1 - Pressure switch generally mounted on the pump / Pressostato generalmente monatato su Pompa
P2 - Pressure switch generally mounted on Bypass Valve / Pressostato generalmente montato su Valvola Bypass



Example of pressure switch connection
Esempio collegamento pressostati



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

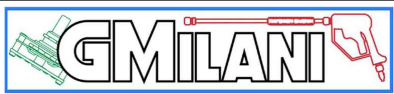


M1 - Motor pump / Motore pompa
TR- Internal TLR power supply / Alimentazione interna TLR
F1 - Fuse / Fusibile
K1 - Main switch / Interruttore generale
TM - motor safety thermal switch / Interruttore termica sicurezza motore

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