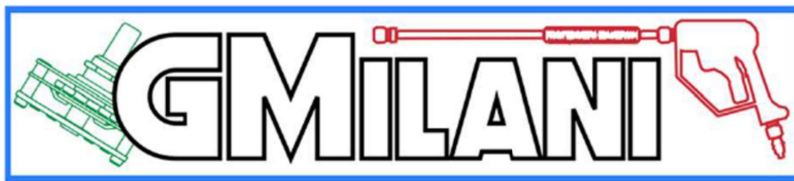


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CHECK FOR LACK OF FLAME FTC 12/24/230



Characteristics:

- 3 power supply versions to choose from:
- 12Vac – 24Vac - between 90 and 250Vac 50/60Hz
- NO contact relay max capacity 6A 230Vac
- Flame control via photoresistor
- Connections via 0.5mm cables
- Overall dimensions: (L x W x H) 50 × 40 × 25mm
- Weight: 80g

The FTC device is an additional safety card for checking the presence of a flame in the pressure washer boiler. It will be necessary to set up a photoresistor of those commonly available on the market (not supplied) in the boiler so that it can recognize the flame; in the event of a short circuit or interruption of the photoresistor, the card will lock out, with the relative warning light coming on.

The device is designed to be connected in series (interposed in the system like a simple switch) to the ignition circuit of the diesel solenoid valve and will need to be matched with the model with the same power supply as the solenoid valve used.

When it is powered, it will allow the solenoid valve to turn on almost instantly, signaling normal operation (fixed on) via the warning light. From this moment on, the flame presence check will begin; if it is not recognized or is missing for a period of 5 seconds (continuously), the FTC device will remove voltage from the solenoid valve and will not allow diesel to enter the system with the risk of clogging the boiler and at the same time will signal the error by flashing the indicator light.

This condition will be such as long as the FTC board remains powered, when it no longer receives voltage it will reset (turning off the indicator light), allowing once the supply voltage returns to resume the normal operating cycle with consequent flame presence check.

The board can be supplied with three power supply options to be indicated when ordering:

12Vac (FTC12)
24Vac (FTC24)
between 90 and 250Vac (FTC230).

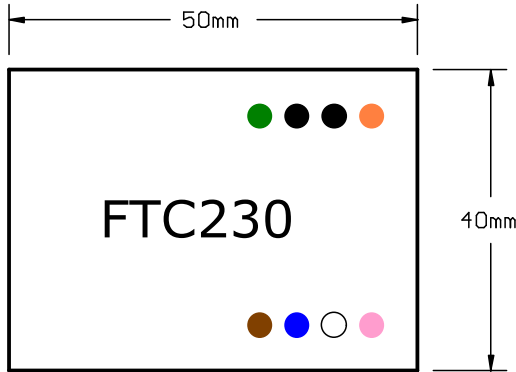
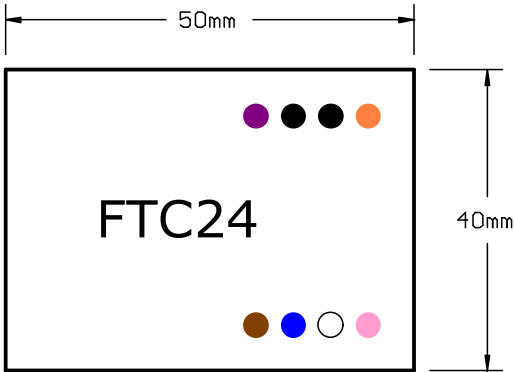
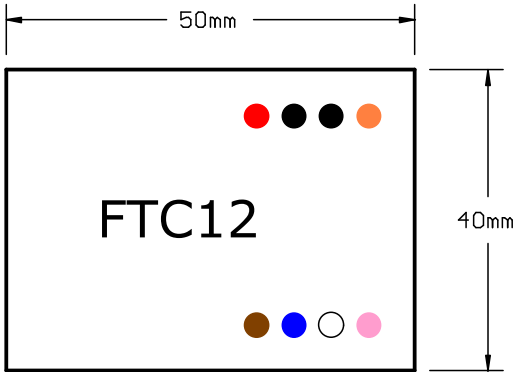
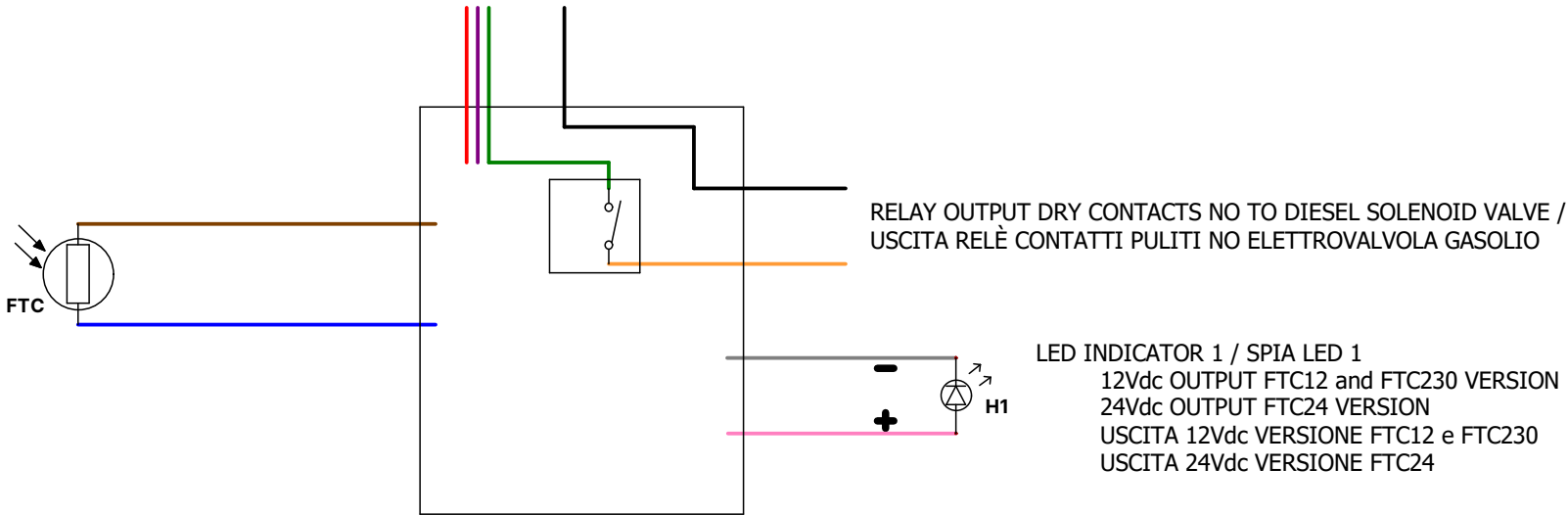
Operational characteristics:

Connections via colored FS17 cables, length approximately 18cm.

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

MADE IN ITALY

POWER INPUT / INGRESSO ALIMENTAZIONE
RED CABLE / CAVO ROSSO 12Vac 50/60Hz
PURPLE CABLE / CAVO VIOLA 24Vac 50/60Hz
GREEN CABLE / CAVO VERDE 90 to 250Vac 50/60Hz

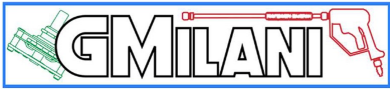


FTC 12 - 24 - 230

REV. DATE

DESIGNED
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SCHEME

CONTRACT: