!!ATTENTION!!
NEW START-S4LP

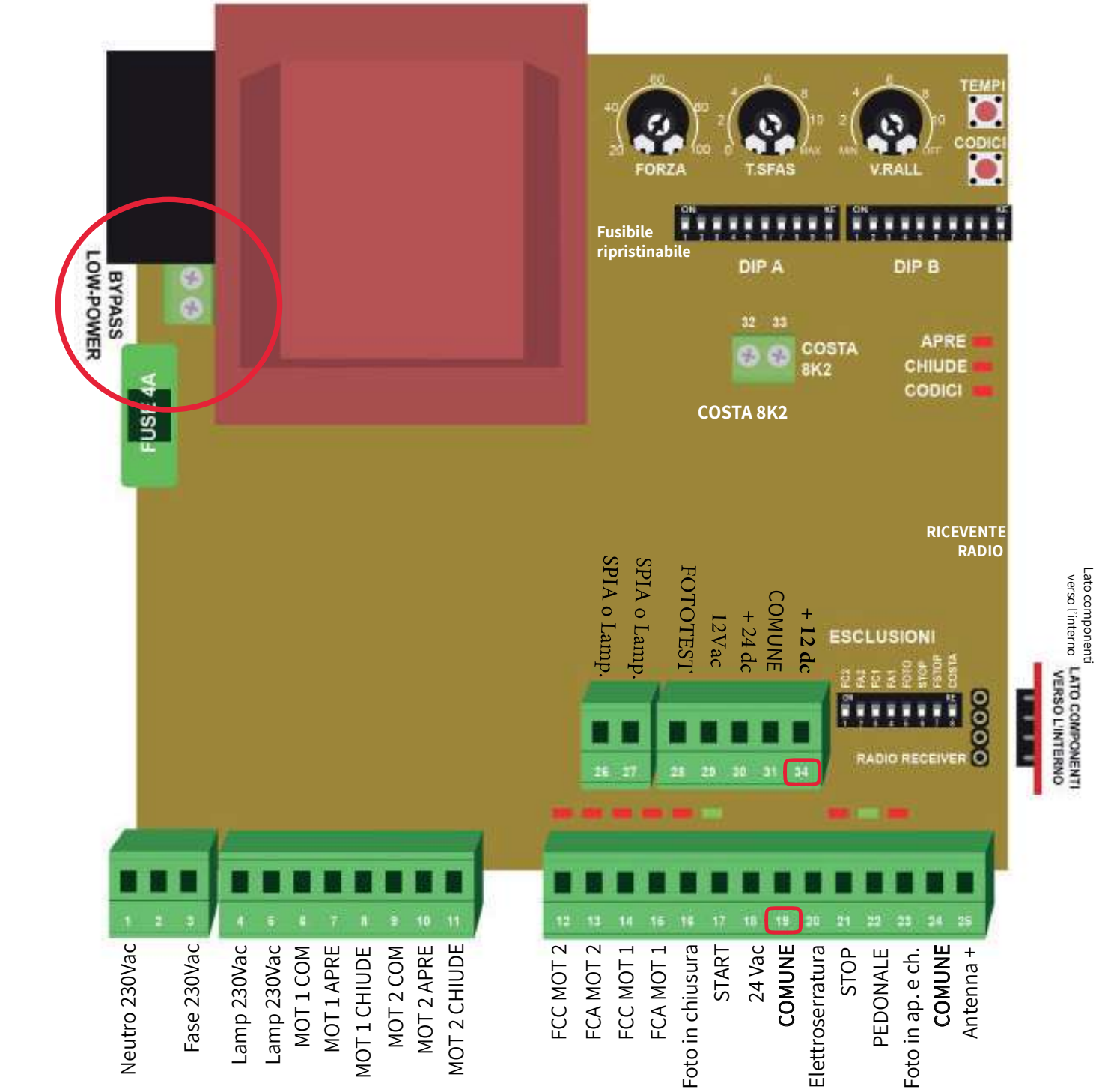
Starting from the 2025 version, in compliance with the European Directive (EU) 2023/826 on energy saving, a new integrated Switching module has been introduced.

LOW POWER Function
This function allows the control unit to automatically switch to STANDBY mode after approximately 10 minutes of inactivity, minimizing power consumption. Upon receiving the first signal from a START or PEDESTRIAN remote control, the unit instantly reactivates.

Carefully follow the wiring instructions described on pages 4 and 5 and the setup procedures on page 6.

2. INSTALLATION OF THE CONTROL UNIT

2.1 DIAGRAM OF THE CONTROL UNIT AND ELECTRICAL CONNECTIONS



MAINS POWER CONNECTION

The power supply line to the control unit must always be protected by a circuit breaker or by a pair of 5A fuses.
A residual current device (RCD) is recommended, but not strictly necessary if one is already installed upstream of the system.

2.2.1 LOW POWER FUNCTION AND SWITCHING USE

> **!** **Starting from the 2025 version of the START-S4XL control unit, in compliance with the European Directive (EU) 2023/826 on energy saving, a new integrated Switching module has been introduced.**

This feature allows the control unit to automatically switch to standby mode after approximately 10 minutes of inactivity, minimizing power consumption. Upon receiving the first signal from a START or PEDESTRIAN remote control, the unit instantly reactivates with no delay in operation.

2.2.2 External receiver power supply in “Low Power” mode

When using an external radio receiver connected to the board, to ensure proper operation in low power mode, it must be powered by connecting terminals **19 or 24 (–12Vdc) and 34 (+12Vdc).** The contact should be made between terminal **19 or 24 (COM) and terminal 17 (START).**

2.2.3 Common wiring of inputs

To achieve the lowest possible power consumption of the control unit in LOW POWER mode, it is recommended to use terminal 31 as the common input connection.
This configuration allows for the complete shutdown of the input status LEDs. When the control unit is in STANDBY mode, the LED indicator of an input with an NC (normally closed) contact remains off, thereby further reducing the overall power consumption of the system.

Refer to the previous paragraph for details regarding the connection of an external radio receiver.

!!! BYPASS OF “LOW POWER” MODE !!!

If you wish to disable the “Low Power” mode and have the control unit operate as before (continuously powered), simply place a jumper between the two terminals located below the switching module on the electronic board.
This configuration keeps the control unit permanently active, which can be useful in industrial environments or in applications with very frequent automation cycles.