

**FADINI**  
l'apricancello  
Made in Italy

## **I** Elpro • 10 PLUS CEI

MONOFASE - TRIFASE PER  
CANCELLI SCORREVOLI E  
AUTOMAZIONI CON FINECORSO  
LIBRETTO DI ISTRUZIONI

- FUNZIONE PASSO PASSO
- UOMO PRESENTE
- APERTURA PEDONALE
- SPIA DI SEGNALAZIONE DELLO STATO DELL'AUTOMAZIONE
- POSSIBILITA' DI ESCLUDERE LAMPEGGIANTE IN PAUSA
- LUCE DI CORTESIA TEMPORIZZATA
- FUNZIONE OROLOGIO

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## **GB** Elpro • 10 PLUS CEI

SINGLE- AND THREE-PHASE FOR  
SLIDING GATES AND AUTOMATIONS  
FITTED WITH LIMIT SWITCHES  
INSTRUCTIONS

- STEP BY STEP
- HOLD-ON SWITCHED  
(DEADMAN) CONTROL
- PEDESTRIAN OPENING
- GATE STATUS INDICATION
- FLASHING LAMP DURING DWELL  
TIME. MADE SWITCHED ABLE
- ADJUSTABLE COURTESY LIGHT TIME
- TIME CLOCK OPTION

page 1,4,5

## **F** Elpro • 10 PLUS CEI

MONOPHASE - TRIPHASE POUR  
PORTAILS COULISSANTS ET  
AUTOMATISMES AVEC FIN DE COURSE  
NOTICES D'INSTRUCTION

- FONCTION PAS-PAS
- HOMME MORT
- OUVERTURE PIETON
- VOYANTS A DIODE DE SIGNALISATION DE L'ETAT DE L'AUTOMATISATION
- POSSIBILITE D'ETEINDRE LA LAMPE DE SIGNALISATION EN PAUSE
- LAMPE D'ECLAIRAGE TEMPORISEE
- FONCTION HORLOGE

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## **D** Elpro • 10 PLUS CEI

EINPHASIG - DREIPHASIG FÜR  
SCHIEBETORANTRIEBE UND  
AUTOMATIONEN MIT ENDSCHALTER  
ANLEITUNG

- SCHRITT-IMPULS-FUNKTION
- TOTMANN-BEDIENUNG
- GEHTÜRFUNKTION
- AUTOMATION-STATUS ANZEIGELAMPE
- MÖGLICHE AUSSCHALTUNG DER BLINKLEUCHTE BEI DER PAUSE
- EINSTELLBARES BEDIENUNGLICHT
- UHR-FUNKTION

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## **E** Elpro • 10 PLUS CEI

MONOFASICO - TRIFASICO PARA VERJAS  
DESGLIZANTES Y AUTOMATISMOS CON  
TOPES DE RECORRIDO  
FOLLETO DE INSTRUCCIONES

- FUNCIONAMIENTO PASO A PASO
- HOMBRE PRESENTE
- ABERTURA PARA PASO DE PEATONES
- LÁMPARA TESTIGO QUE SEÑALA EL ESTADO DEL AUTOMATISMO
- POSIBILIDAD DE EXCLUIR EL DESTELLADOR EN PAUSA
- LUZ AUXILIAR TEMPORIZADA
- FUNCIÓN RELOJ

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## **NL** Elpro • 10 PLUS CEI

EENFASE - DRIEFASE VOOR  
SCHUIFHEKKEN EN AUTOMATISERINGEN  
MET EINDSCHAKELAAR  
HANDLEIDING

- STAP-VOOR-STAP FUNCTIE
- DODEMANSFUNCTIE
- VOETGANGERSDOORGANG
- SIGNALERINGSLAMP AUTOMATISERINGSSTATUS
- MOGELIJKHEID UITSCHAKELING KNIPPERLICHT BIJ PAUZE
- INTELNBARE INDICATIELAMP
- KLOKFUNCTIE

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Dis. N. 4333

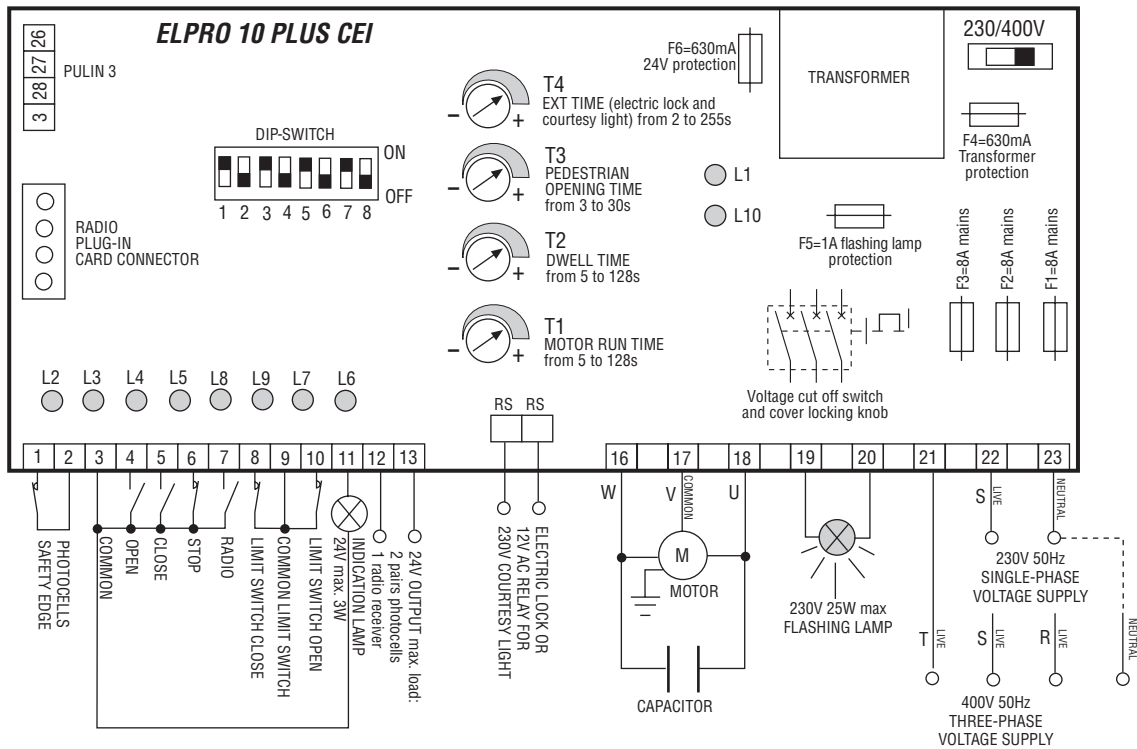


meccanica  
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pag. 1



The electronic control panel Elpro 10 Plus CEI, new generation, is designed to operate sliding gates. Power supply is 230/400V single-phase and three-phase. Built in full compliance with BT 93/68/CE Low/High Voltage and EMC 93/68/CE Electro-Magnetic Compatibility Regulations. Fitting operations are recommended by a qualified technician in conformity to the existing safety standards.  
The manufacturing company declines any responsibility for incorrect handling and application; also, it reserves the right to change or update the control panel any time.

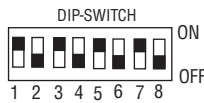
**PLEASE NOTE:**

- The control panel must be installed in a sheltered, dry place, inside the box provided with it.
- Fit the mains to the control panel with a 0.03A high performance circuit breaker.
- Use 1.5 mm<sup>2</sup> section wires for voltage supply, electric motor and flashing lamp. Maximum recommended distance 50m.
- Use 1 mm<sup>2</sup> section wires for limit switches, photocells, push-buttons/key-switch and accessories.
- Bridge terminals 1 and 2 if no photocells are required.
- Bridge terminals 3 and 6 if no key- or push-button switches are required.

N.W: To fit extra accessories such as lights, CCTV etc. use only solid state relays to prevent damages to the microprocessor.

**Dip-Switch:**

- 1= ON. Photocells. Stop while opening
- 2= ON. Radio. No reversing while opening
- 3= ON. Automatic closing
- 4= ON. Preflashing activated
- 5= ON. Radio. Step by step. Stop in between
- 6= ON. Dead Man Control (Dip 4=OFF and Dip 3=OFF)
- 7= ON. No lamp on during dwell time
- 8= OFF. No function



**In case of failure of the panel:**

- Check voltage supply. It must be 230V or 400V 50Hz
- Check fuses
- Check photocells if contacts are normally closed
- Check all NC contacts
- Check that no voltage drop has occurred from the control panel to the electric motor

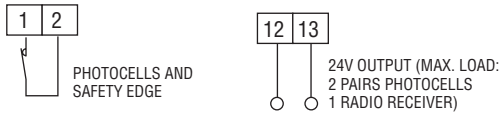
**Led Status Indication:**

- L1= 230V 50Hz power supply. A light
- L2= Photocells, if obstructed light goes off
- L3= Open. A light whenever an Open pulse is given
- L4= Close. A light whenever a Close pulse is given
- L5= Stop. It goes off on pulsing Stop
- L6= Radio. It goes on by pressing a transmitter button
- L7= Gate Status; it flashes on gate opening
- L8= Limit switch Close; off when gate is closed
- L9= Limit switch Open; off when gate is open
- L10= It stays on for a time equal to the time set on T4



## LOW VOLTAGE ELECTRICAL CONNECTIONS

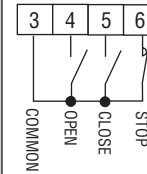
### Photocells and Safety Edge:



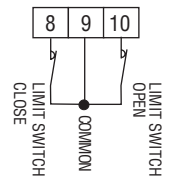
### DIP-SWITCH 1:

ON: Photocells stop gate while opening, reverse it on closing once obstacle is removed  
 1 OFF: Photocells do not stop gate while opening, reverse it on closing in case of an obstacle

### Button switch:

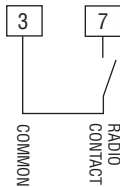


### Limit switch:



### Radio Contact:

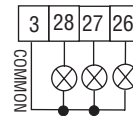
- Open/Close (Standard)
- Travel reversing on pulsing
- Step by step



DIP-SWITCH 2 and 5 (NEVER set BOTH of them to ON at the same time):

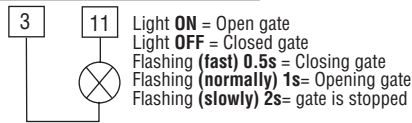
- ON: Gate is not reversed while opening
- 2 OFF: Any pulse reverses the gate
- ON: Step by step. Stop in between
- 5 OFF: Standard operating mode

### Push Button Switch Pulin 3:



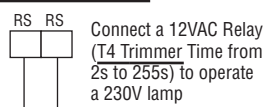
Led to indicate status of Open - Stop - Close switches

### 24V 3W Indication Light:

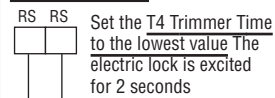


Light **ON** = Open gate  
 Light **OFF** = Closed gate  
 Flashing (**fast**) **0.5s** = Closing gate  
 Flashing (**normally**) **1s** = Opening gate  
 Flashing (**slowly**) **2s** = gate is stopped

### Courtesy light:

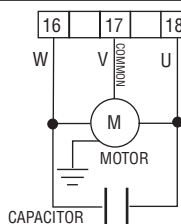
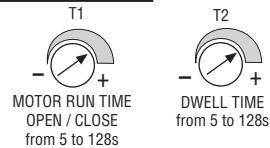


### Electric lock:

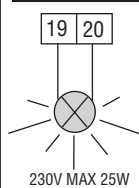


## ELECTRIC POWER CONNECTIONS

### Single- and Three-phase Motors:



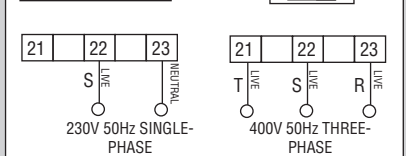
### Flashing lamp:



### DIP-SWITCH 4 and 7:

- ON: Pre-flashing
- 4 OFF: No pre-flashing
- ON: Lamp is not operating during Dwell Time. Automatic Mode.
- 7 OFF: It flashes during Dwell Time. Automatic Mode.

### Power supply:

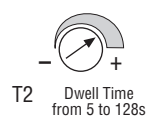


## OPERATING MODES

### Automatic / Semiautomatic:

**Automatic Operation:** any pulse opens the gate, the gate stays open as long as the Dwell time expires as set by T2 trimmer, then it closes automatically, no pulsing is required.

**Semi-automatic Operation:** any pulse opens the gate that stays open. A second pulse to Close is required for the gate to close.

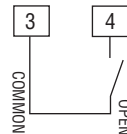


### DIP-SWITCH 3

- ON= Automatic Closing
- 3 OFF= No Automatic. Semi-automatic closing by pulse

### Pedestrian Opening:

Trimmer T3 from 3 to 30s. It can be activated by any pulse (eg. by remote control) superior to 2s



### Hold on switched (Deadman) control:

Open and Close operations are achieved "by holding a switch on" (no relay self-holding is involved) therefore a physical attendance is required to keep the gate opening or closing until either the button or key is released.

### DIP-SWITCH 6

- ON= Deadman Control. Dip-switch 4=OFF and Dip-switch 3=OFF
- 6 OFF= Standard Operations

### Remote Controlled Operations Excluded during

With this setting it is not possible to operate the gate by remote control during the dwell time on automatic mode. DIP-SWITCH 2=ON, 3=ON and 5=ON

### Dwell Time on Automatic Mode:

- ON: No reversing on opening
- 2 OFF: Travel reversing on any pulsing

- ON= Automatic Closing
- 3 OFF= Closing by Pulse

- ON: Step by step. Stop in between
- 5 OFF: Standard Operations

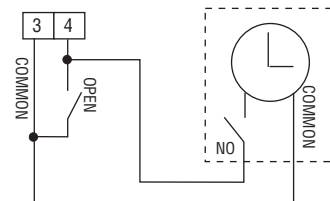
### Time clock:

How it works: Set the clock to the required time. On the pre-set time the gate is automatically opened and held open. Any further pulsing (even by remote control) is not accepted by the system until the time pre-set by the clock has expired. On expiring and after the pre-set dwell time the gate is closed automatically.  
 T3 trimmer on to zero, Dip-Switch 3=ON.



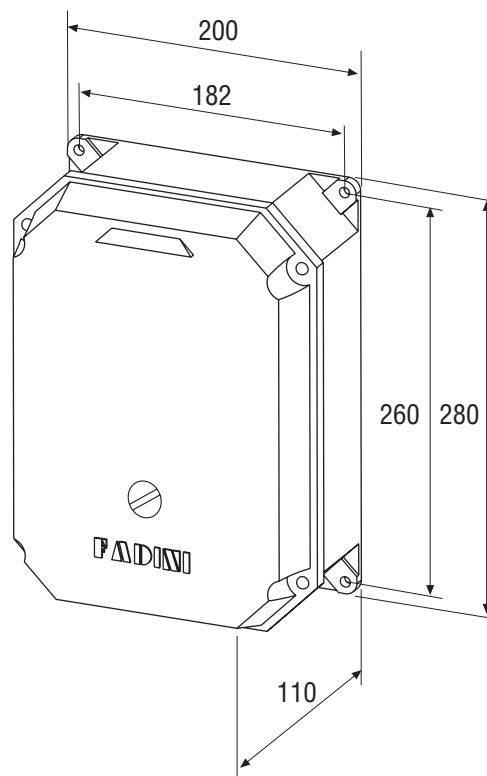
### DIP-SWITCH No.3=ON Automatic Closing

- ON= Automatic Closing
- 3 OFF= No Automatic. Semi-automatic closing by pulse



FADINI  
the gate opener  
Made in Italy





CE

- I - Prima dell'installazione da parte di personale tecnico qualificato, si consiglia di prendere visione del Libretto Normative di Sicurezza che la Meccanica Fadini mette a disposizione.
- GB - Please note that installation must be carried out by qualified technicians following Meccanica Fadini's Safety Norms Manual.
- F - L'installation doit être effectuée par un technicien qualifié suivant le manuel des Normes de Sécurité de Meccanica Fadini.
- D - Vor der Montage von einem Fachmann, wird es empfohlen die Anleitung zur Sicherheitsnormen, die Meccanica Fadini zur Verfügung stellt, nachzulesen.
- E - Antes de la instalación por el personal técnico calificado, se recomienda leer detenidamente el Folleto de la Reglamentación de Seguridad que la empresa Meccanica Fadini pone a su disposición.
- NL - Vòòr installatie, dat door bevoegd technisch personeel moet worden uitgevoerd, wordt het aangeraden de Handleiding met de Veiligheidsnormen door te lezen die Meccanica Fadini tot beschikking stelt.



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