

FADINI

l'apricancello

Made in Italy

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Elpro 10 PLUS

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

GB

Elpro 10 PLUS

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

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Elpro 10 PLUS

MONOPHASE - TRIPHASE POUR
PORTAIS COULSSANTS 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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Elpro 10 PLUS

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
- EINSTELBARES BEDIENUNGSLICHT
- UHR-FUNKTION

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Elpro 10 PLUS

MONOFASICO - TRIFASICO PARA
VERIAS DESLIZANTES 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

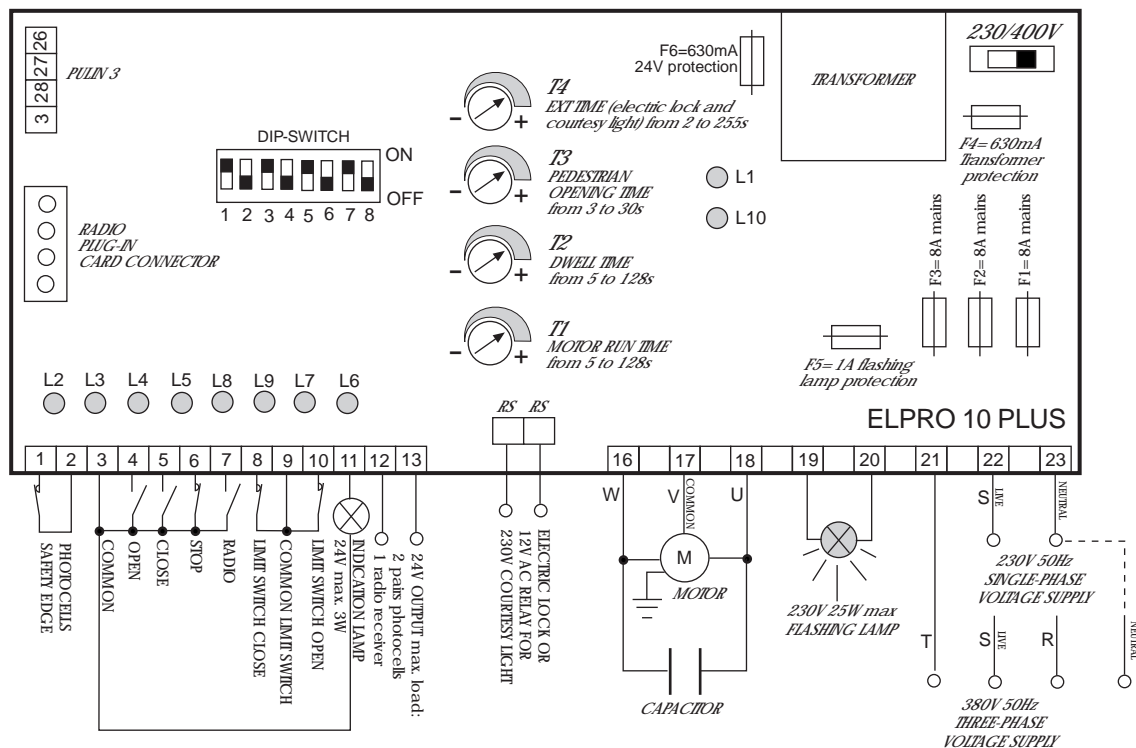
Dis. N. 4135



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The electronic control panel Elpro 10 plus, new generation, is designed to operate the 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 1.5mm² section wires for voltage supply, electric motor and flashing lamp. Maximum recommended distance 50m.
- Use 1mm² 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:

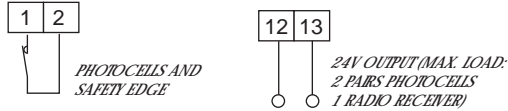
- Check voltage supply. It must be 230V or 400V 50Hz
- Check fuses
- Check photocells if contacts are normally closed
- Check all NC contacts
- Check that no voltage drop has occurred from the control panel to the electric motor

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

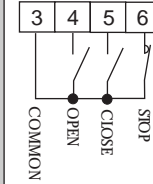
LOW VOLTAGE ELECTRICAL CONNECTIONS

Photocells and Safety Edge:

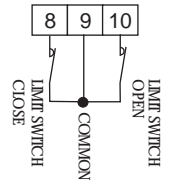


DIPSWITCH 1:
 ON: Photocells stop gate while opening, reverse it on closing once obstacle is removed
 OFF: Photocells do not stop gate while opening, reverse it on closing in case of an obstacle

Button switch:

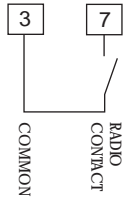


Limit switch:



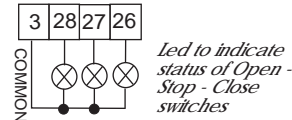
Radio Contact:

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



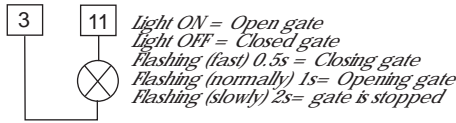
DIPSWITCH 2 and 5 (NEVER set BOTH of them to ON at the same time):
 ON: Gate is not reversed while opening
 OFF: Any pulse reverses the gate
 ON: Step by step. Stop in between
 OFF: Standard operating mode

Push Button Switch Pulin3:



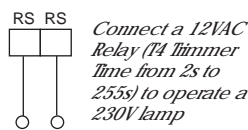
Led to indicate status of Open - Stop - Close switches

24V 3W Indication Light:



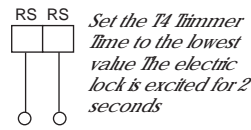
Light ON = Open gate
 Light OFF = Closed gate
 Flashing (fast) 0.5s = Closing gate
 Flashing (normally) 1s = Opening gate
 Flashing (slowly) 2s = gate is stopped

Courtesy light:



Connect a 12VAC Relay (T4 Timmer Time from 2s to 255s) to operate a 230V lamp

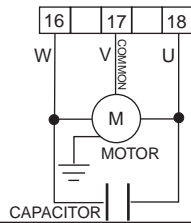
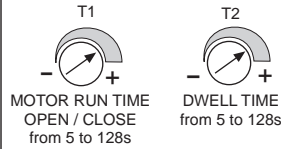
Electric lock:



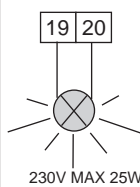
Set the T4 Timmer time to the lowest value the electric lock is excited for 2 seconds

ELECTRIC POWER CONNECTIONS

Single- and Three-phase Motors:



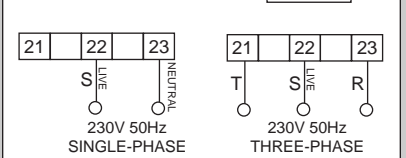
Flashing lamp:



DIP-SWITCH 4 and 7:

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

Power supply:



OPERATING MODES

Automatic / Semiautomatic:

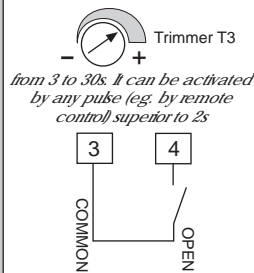
Automatic Operation: any pulse opens the gate, the gate stays open as long as the Dwell time expires as set by T2 trimmer, then it closes automatically, no pulsing is required.

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
 OFF= No Automatic. Semi-automatic closing by pulse

Pedestrian Opening:



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 in 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
 OFF= Standard Operations

Remote Controlled Operations Excluded during Dwell Time on Automatic Mode:

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

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

ON= Automatic Closing
 OFF= Closing by Pulse

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

Time clock:

How it works: Set the clock to the required times. 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
 OFF= No Automatic. Semi-automatic closing by pulse

