

FADINI
l'apricancello
Made in Italy

I

LIBRETTO DI ISTRUZIONI
Elpro•15 PLUS

PROGRAMMATORE A MICROPROCESSORE
MONOFASE PER SCORREVOLE GIRRI 130

- FUNZIONE PASSO PASSO
- APERTURA PEDONALE
- UOMO PRESENTE
- SPIA DI SEGNALAZIONE DELLO STATO DELL'AUTOMAZIONE
- OROLOGIO

pag. 1,2,3,4

GB

INSTRUCTIONS
Elpro•15 PLUS

SINGLE-PHASE CONTROL PANEL WITH
MICROPROCESSOR FOR GIRRI 130 SLIDING GATE OPERATOR

- STEP BY STEP OPERATIONS
- PEDESTRIAN OPENING
- HOLD-ON SWITCHED (DEADMAN) CONTROL
- GATE STATUS INDICATION
- TIME CLOCK OPTION

page 1,5,6,7

F

NOTICES D'INSTRUCTION
Elpro•15 PLUS

MONOPHASE POUR PORTAIL
COULISSANT GIRRI 130

- FONCTION PAS A PAS
- OUVERTURE PIETONS
- FONCTION HOMME MORT
- SIGNALISATION DE L'ETAT DE L'AUTOMATION PAR LED
- FONCTION HORLOGE

page 1,8,9,10

D

ANLEITUNG
Elpro•15 PLUS

EINPHASIGE STEUERUNG MIT MIKROPROZESSOR
FÜR SCHIEBETORANTRIEB GIRRI 130

- SCHRITT-IMPULS-FUNKTION
- GEHTÜRFUNKTION
- TOTMANN-BEDIENUNG
- AUTOMATION-STATUS ANZEIGELAMPE
- UHR-FUNKTION

Seite 1,11,12,13

E

FOLLETO DE INSTRUCCIONES
Elpro•15 PLUS

PROGRAMADOR CON MICROPROCESADOR
MONOFASICO PARA VERJA DESLIZANTE GIRRI 130

- FUNCIONAMIENTO PASO A PASO
- ABERTURA PARA PASO DE PEATONES
- HOMBRE PRESENTE
- LÁMPARA TESTIGO QUE SEÑALA ELE ESTADO DEL AUTOMATISMO
- FUNCIÓN RELOJ

pág. 1,14,15,16

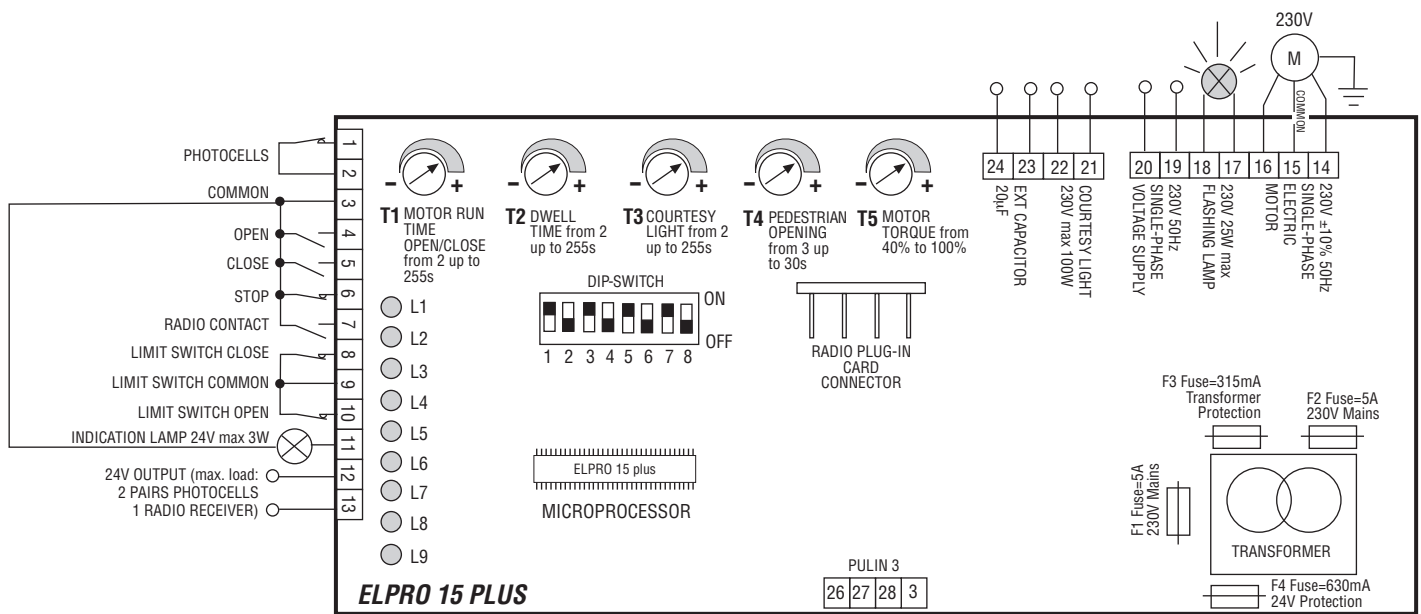
NL

HANDLEIDING
Elpro•15 PLUS

EENFASE PROGRAMMEERINRICHTING MET
MICROPROCESSOR VOOR SCHUIFHÉKOPENER GIRRI 130

- STAP-VOOR-STAP FUNCTIE
- VOETGANGERSDOORGANG
- DODEMANSFUNCTIE
- SIGNALERINGSLAMP AUTOMATISERINGSSTATUS
- KLOKFUNCTIE

pag. 1,17,18,19

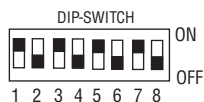


General description: The electronic control panel Elpro 15 Plus, new generation, is designed to operate the sliding gate operator Girri 130. Power supply is 230V 50Hz single-phase. Built in full compliance with 2006/95/CE Low Voltage and 2004/108/EEC - 92/31/EEC Electro-Magnetic Compatibility Regulations. 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. **Failure to follow installation regulations may result in serious damage to property and persons.**

- PLEASE NOTE:**
- The control panel is fitted inside Girri 130.
 - Make sure that the power supply to the electronic programmer is 230V ±10%
 - Make sure that the power supply to the Electric Motor is 230V ±10%
 - For distances of over 50 metres we recommend using electric cables with bigger sections.
 - 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:

- Make sure that the power supply to the electronic programmer is 230V ±10%
- Make sure that the power supply to the Electric Motor is 230V ±10%
- Check fuses
- Check photocells if contacts are normally closed
- 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



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the gate opener
Made in Italy

GB

Elpro · 15 PLUS

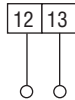
**SINGLE-PHASE CONTROL PANEL WITH
MICROPROCESSOR FOR GIRRI 130 SLIDING GATE OPERATOR**

LOW VOLTAGE ELECTRICAL CONNECTIONS

Photocells and Safety Edge:



PHOTOCELLS
AND SAFETY EDGE



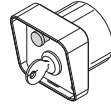
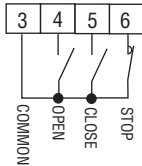
24V (500 mA) OUTPUT (MAX. LOAD:
2 PAIRS PHOTOCELLS
1 RADIO RECEIVER)

DIP-SWITCH 1:

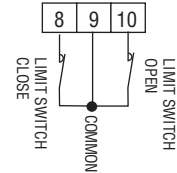
ON: Photocells stop gate while opening,
reverse it once obstacle is removed on closing
 OFF: Photocells do not stop gate while
opening, reverse it in case of an
obstacle on closing



Button switch:

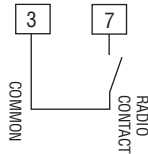


Limit switch:



Radio Contact:

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

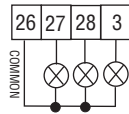


DIP-SWITCH 2 and 5 (NEVER set BOTH of them ON at the same time):

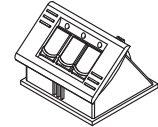
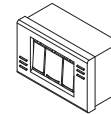
ON: Gate is not reversed while opening
 OFF: Any pulse reverses the gate

ON: Step by step. Stop in between
 OFF: Standard operating mode

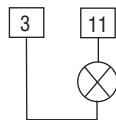
Push Button Switch Pulin 3:



Led to indicate status of
Open - Stop - Close switches



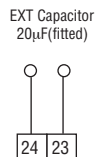
24V 3W Indication Light:



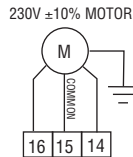
Light **ON** = Open gate
Light **OFF** = Close gate
Flashing (**fast**) **0.5s**= Closing gate
Flashing (**normally**) **1s**= Opening gate
Flashing (**slowly**) **2s**= gate is stopped

ELECTRICAL POWER CONNECTIONS

Capacitor and Single-phase Motor:



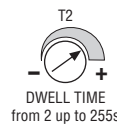
EXT Capacitor
20µF(fitted)



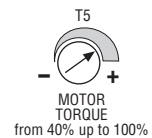
230V ±10% MOTOR



T1
MOTOR RUN TIME
OPEN/CLOSE
from 2 up to 255s

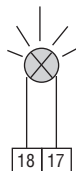


T2
DWELL TIME
from 2 up to 255s



T5
MOTOR
TORQUE
from 40% up to 100%

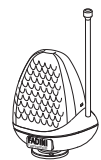
Flashing lamp 230V max 25W:



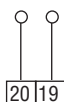
DIP-SWITCH 4 and 7:

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:



POWER SUPPLY
230V ±10% 50Hz
SINGLE-PHASE

Courtesy Light 230V max 100W:



Trimmer **T3**
from 2s up to 255s

**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.

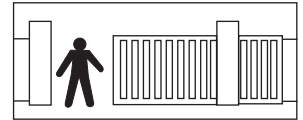
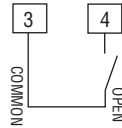
Semi-automatic Operation: any pulse opens the gate that stays open. A second pulse to Close is required for the gate to close.

DIP-SWITCH N°3

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

Pedestrian Opening:

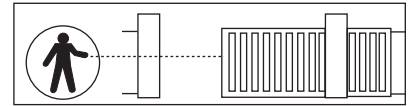
 Trimmer T4
 from 3 to 30s. It can be activated by any pulse (eg. by remote control) superior to 2s

**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 N°6=ON

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

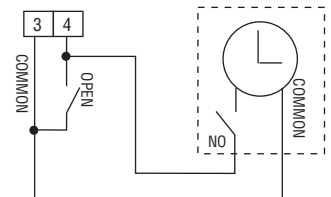
**Time clock installation:**

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. T4 trimmer on to zero, Dip-Switch 3=ON.

 Pedestrian Trimmer T4
 set on to zero

DIP-SWITCH No.3=ON Automatic Closing

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

External Time Clock



- 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 durch einen 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** - Voordat de installatie door gekwalificeerd technisch personeel wordt uitgevoerd, wordt geadviseerd om het boekje met veiligheidsvoorschriften dat Meccanica Fadini ter beschikking stelt door te lezen.



I Direttiva **2003/108/CE**
Smaltimento dei materiali
elettrici ed elettronici

**VIETATO GETTARE NEI RIFIUTI
MATERIALI NOCIVI PER L'AMBIENTE**

GB **2003/108/CE** Directive
for waste electrical and
electronic equipments

**DISPOSE OF PROPERLY
ENVIRONMENT-NOXIOUS MATERIALS**



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