

FADINI
l'apricancello
Made in Italy

I

LIBRETTO DI ISTRUZIONI
Elpro • 70/3 PLUS

MONOFASE - TRIFASE
PER SCORREVOLE MEC 200

- FUNZIONE PASSO PASSO
- APERTURA PEDONALE
- UOMO PRESENTE
- SPIA DI SEGNALAZIONE DELLO STATO DELL'AUTOMAZIONE
- LUCE DI CORTESIA TEMPORIZZATA

pag. 2,3,4

GB

INSTRUCTIONS
Elpro • 70/3 PLUS

SINGLE-/THREE-PHASE
FOR SLIDING GATE OPERATORS MEC 200

- STEP BY STEP
- PEDESTRIAN OPENING
- HOLD-ON SWITCHED (DEADMAN) CONTROL
- GATE STATUS INDICATION
- ADJUSTABLE COURTESY LIGHT TIME

page 5,6,7

F

NOTICES D'INSTRUCTION
Elpro • 70/3 PLUS

MONOPHASE - TRIPHASE
POUR PORTAILS COULISSANTS MEC 200

- FONCTION PAS PAS
- OUVERTURE PIETONS
- FONCTION HOMME MORT
- SIGNALISATION DE L'ETAT DE L'AUTOMATISME PAR VOYANT
- LAMPE TEMOIN TEMPORISEE

page 8,9,10

D

ANLEITUNG
Elpro • 70/3 PLUS

EINPHASIG - DREIPHASIG
FÜR SCHIEBETORANTRIEB MEC 200

- SCHRITT-IMPULS-FUNKTION
- TOTMANN-BEDIENUNG
- GEHÜRFUNKTION
- AUTOMATION-ZUSTAND ANZEIGELAMPE
- EINSTELLBARE DECKENLEUCHTEZEIT

Seite 11,12,13

E

FOLLETO DE INSTRUCCIONES
Elpro • 70/3 PLUS

MONOFASICO - TRIFASICO
PARA VERJAS DESLIZANTES MEC 200

- FUNCIONAMIENTO PASO A PASO
- ABERTURA PARA PASO DE PEATONES
- HOMBRE PRESENTE
- LÁMPARA TESTIGO QUE SEÑALA EL ESTADO DEL AUTOMATISMO
- LUZ AUXILIAR TEMPORIZADA

pág. 14,15,16

NL

HANDLEIDING
Elpro • 70/3 PLUS

EENFASE-DRIEFASE
VOOR SCHUIFHEKOPENER MEC 200

- STAP-VOOR-STAP FUNCTIE
- VOETGANGERSDOORGANG
- DODEMANSFUNCTIE
- SIGNALERINGSGLAMP AUTOMATISERINGSSTATUS
- INSTELBARE INDICATIELAMP

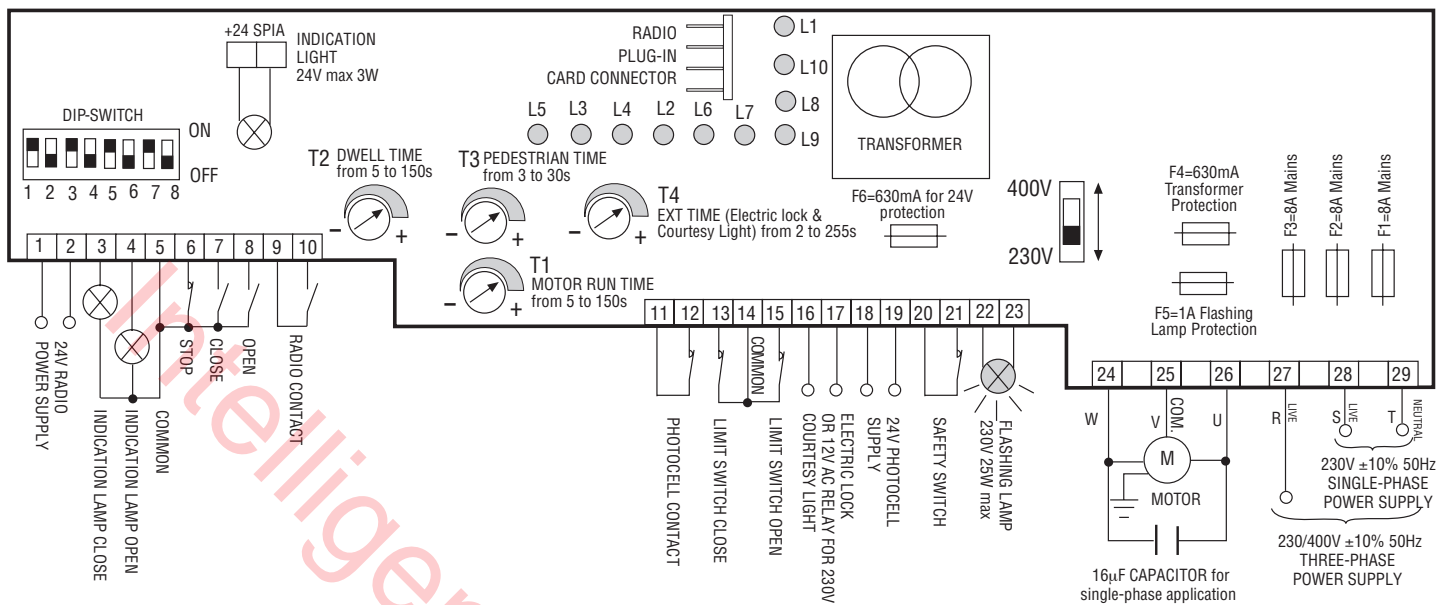
pag. 17,18,19

Dis. N. 4138



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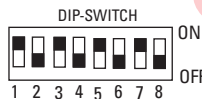


General description: The electronic control panel Elpro 70/3 Plus, new generation, is designed to operate the sliding gate operators MEC 200. Power supply is 230-400V single- and three-phase. It is built in full compliance with the Low Voltage 2006/95/CE and Electro-Magnetic Compatibility Regulations 2004/108/EEC - 92/31/EEC. Fitting operations are recommended to be carried out by a qualified technician in conformity to the existing safety standards. The manufacturing company declines any responsibility for incorrect handling and applications; also, it reserves the right to change or update the control panel any time. **Failure to follow the installation regulations may result in serious damages to properties and persons.**

- PLEASE NOTE:**
- The control panel is fitted inside Mec 200.
 - Make sure that the power supply to the electronic programmer is $230V \pm 10\%$ or $400V \pm 10\%$.
 - Make sure that the power supply to the Electric Motor is $230V \pm 10\%$ or $400V \pm 10\%$.
 - 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 1.5 mm² section wires for voltage supply, electric motor and flashing lamp. Maximum recommended distance 50 m. Use 1 mm² section wires for limit switches, photocells, push-buttons/key-switch and accessories.
 - Bridge terminals 11 and 12 if no photocells are required.
 - Bridge terminals 5 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 on opening
- 2= ON Radio. No reversing on opening
- 3= ON Automatic closing
- 4= ON Preflashing activated
- 5= ON Radio. Step by step, stop in between
- 6= ON Deadman Control (Dip 4=OFF n Dip 3=OFF)
- 7= ON No light during dwell time
- 8= OFF. Blank



In case of failure of the panel:

- Make sure that the power supply to the electronic programmer is $230V \pm 10\%$ or $400V \pm 10\%$
- Make sure that the power supply to the Electric Motor is $230V \pm 10\%$ or $400V \pm 10\%$
- For distances of over 50 metres we recommend using electric cables with bigger sections.
- 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

LOW VOLTAGE ELECTRICAL CONNECTIONS

Photocell:

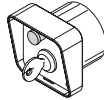
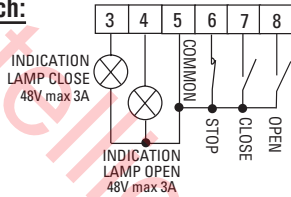


DIP-SWITCH 1:

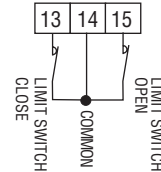
ON: Photocells stop gate while opening, reverse it on closing once obstacle is removed
 1 OFF: Photocells do not stop gate while opening, reverse it on closing in case of an obstacle



Push Button Switch:

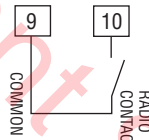


Limit switch:



Radio Contact:

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

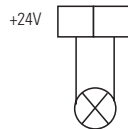


DIP-SWITCH 2 and 5 (NEVER set BOTH of them to ON at the same time):

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

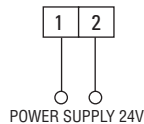
ON: Step by step. Stop in between
 5 OFF: Standard operating mode

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

Radio Power Supply

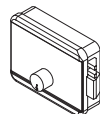


Safety Switch



Electric lock:

Set the T4 Trimmer Time to the lowest value
 The electric lock is excited for 2 seconds



Courtesy light:

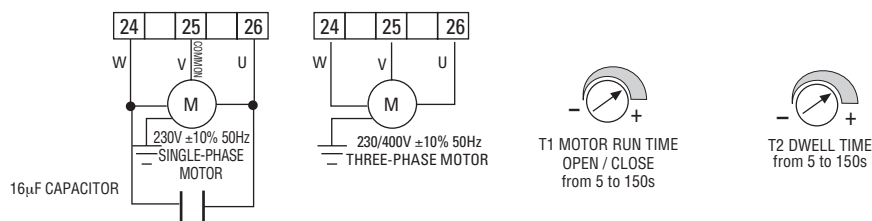
Connect a 24VAC Modular Relay (T4 Trimmer Time from 2s to 255s) to operate a 230V lamp



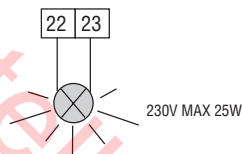


ELECTRICAL POWER CONNECTIONS

Single- (230V) and Three-phase (400V) Motors:



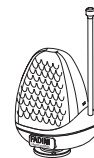
Flashing lamp:



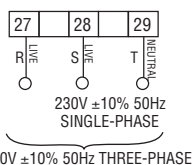
DIP-SWITCH 4 and 7:

ON: Pre-flashing
 OFF: No pre-flashing
 4

ON: Lamp is not operating during Dwell Time. Automatic Mode.
 7 OFF: It flashes during Dwell Time. Automatic Mode.

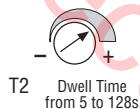


Power supply:



OPERATING MODES

Automatic / Semiautomatic:

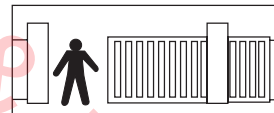


DIP-SWITCH 3

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

Pedestrian Opening:

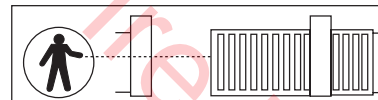
Trimmer T3 from 3 to 30s.
 It can be activated by any pulse (eg. by remote control) superior to 2s



Hold on switched (Deadman) control:

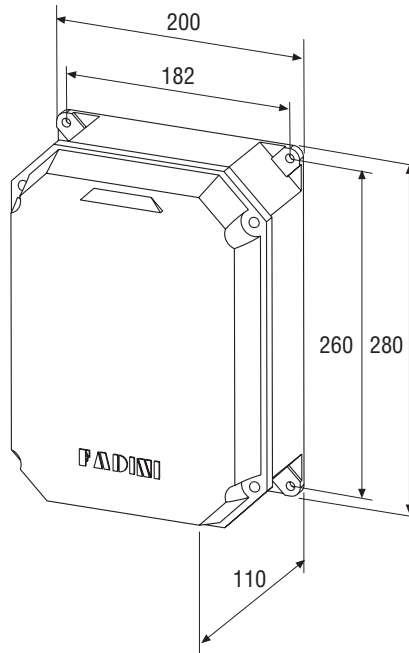
DIP-SWITCH 6

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



Led Status Indication:

- L1 = 230V 50Hz power supply. Alight
- L2 = Photocells, if obstructed light goes off
- L3 = Open. Alight whenever an Open pulse is given
- L4 = Close. Alight 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 moving
- 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 Trimmer



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 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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