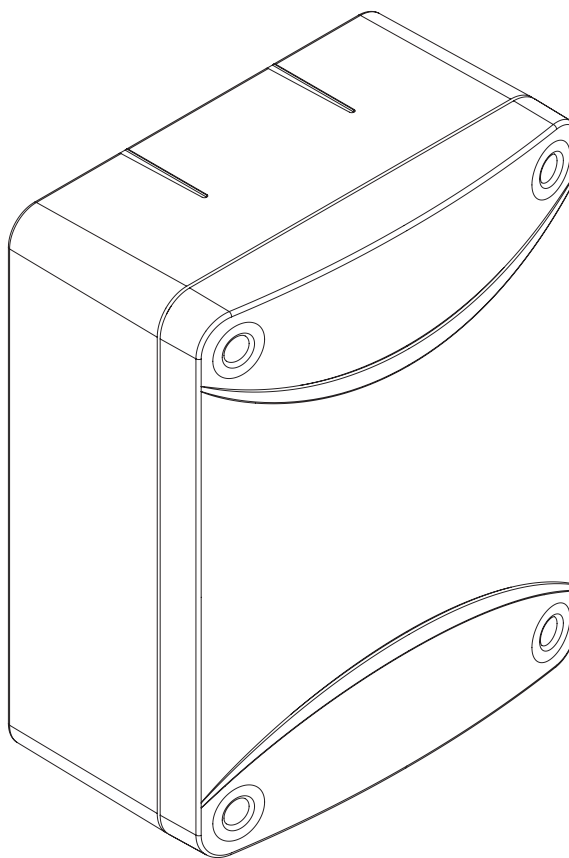


L8542077
Rev. 03/05/00

BENINCA®

CENTRALE DI COMANDO
CONTROL UNIT
STEUEREINHEIT
CENTRALE DE COMMANDE
CENTRAL DE MANDO
CENTRALKA STEROWANIA

MISE-RE ***MISE-RI***



Libro istruzioni
Operating instructions
Betriebsanleitung
Livret d'instructions
Manuale de instrucciones
Książeczka z instrukcjami



UNIONE NAZIONALE COSTRUTTORI
AUTOMATISMI PER CANCELLI, PORTE,
SERRANDE ED AFFINI

Dichiarazione CE di conformità
EC declaration of conformity
EG-Konformitätserklärung

Déclaration CE de conformité
Declaracion CE de conformidad
Deklaracja UE o zgodności

Con la presente dichiariamo che il nostro prodotto
We hereby declare that our product
Hiermit erklaren wir, dass unser Produkt
Nous déclarons par la présente que notre produit
Por la presente declaramos que nuestro producto
Niniejszym oświadczamy że nasz produkt

MISE-RE MISE-RI

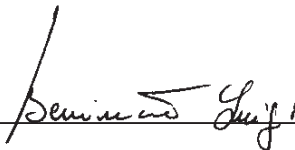
è conforme alle seguenti disposizioni pertinenti:
complies with the following relevant provisions:
folgenden einschlagigen Bestimmungen entspricht:
correspond aux dispositions pertinentes suivantes:
satisface las disposiciones pertinentes siguientes:
zgodny jest z ponizej wyszczególnionymi rozporządzeniami:

Direttiva sulla compatibilità elettromagnetica (89/336/
CCE, 93/68/CEE)
EMC guidelines (89/336/EEC, 93/68/EEC)
EMV-Richtlinie (89/336/EWG, 93/68/EWG)
Directive EMV (89/336/CCE, 93/68/CEE) (Compatibilité
électromagnétique)
Reglamento de compatibilidad electromagnética (89/336/
MCE, 93/68/MCE)
Wytyczna odnośnie zdolności współdziałania elektromagne-
tycznego (89/336/EWG, 93/68/EWG)

Norme armonizzate applicate in particolare:
Applied harmonized standards, in particular:
Angewendete harmonisierte Normen, insbesondere:
Normes harmonisées utilisées, notamment:
Normas armonizadas utilizadas particularmente:
Normy standard najczęściej stosowane:

EN 55022, EN 61000-3-2, EN 61000-3-3, EN 50082-1

Data/Firma

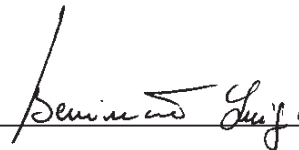


Direttiva sulla bassa tensione (73/23/CEE, 93/68/CEE)
Low voltage guidelines (73/23/EEC, 93/68/EEC)
Tiefe Spannung Richtlinie (73/23/EWG, 93/68/EWG)
Directive bas voltage (73/23/CEE, 93/68/CEE)
Reglamento de bajo Voltaje (73/23/MCE, 93/68/MCE)
Wytyczna odnośnie niskiego napięcia (73/23/EWG, 93/
68/EWG)

Norme armonizzate applicate in particolare:
Applied harmonized standards, in particular:
Angewendete harmonisierte Normen, insbesondere:
Normes harmonisées utilisées, notamment:
Normas armonizadas utilizadas particularmente:
Normy standard najczęściej stosowane:

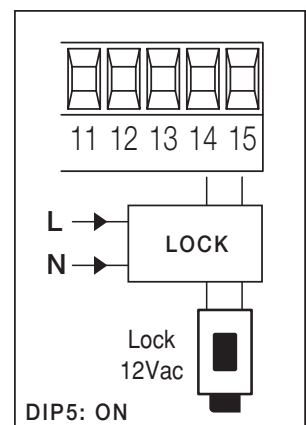
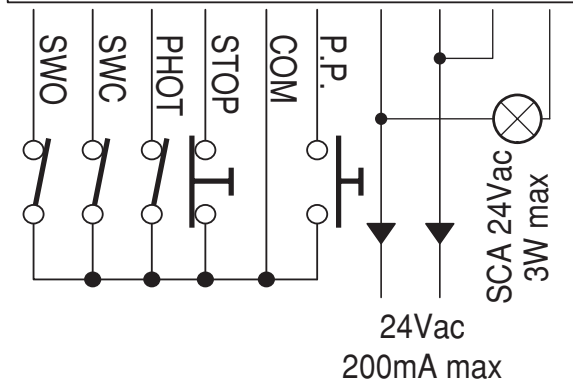
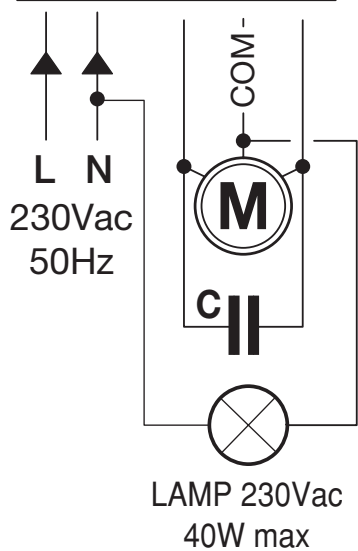
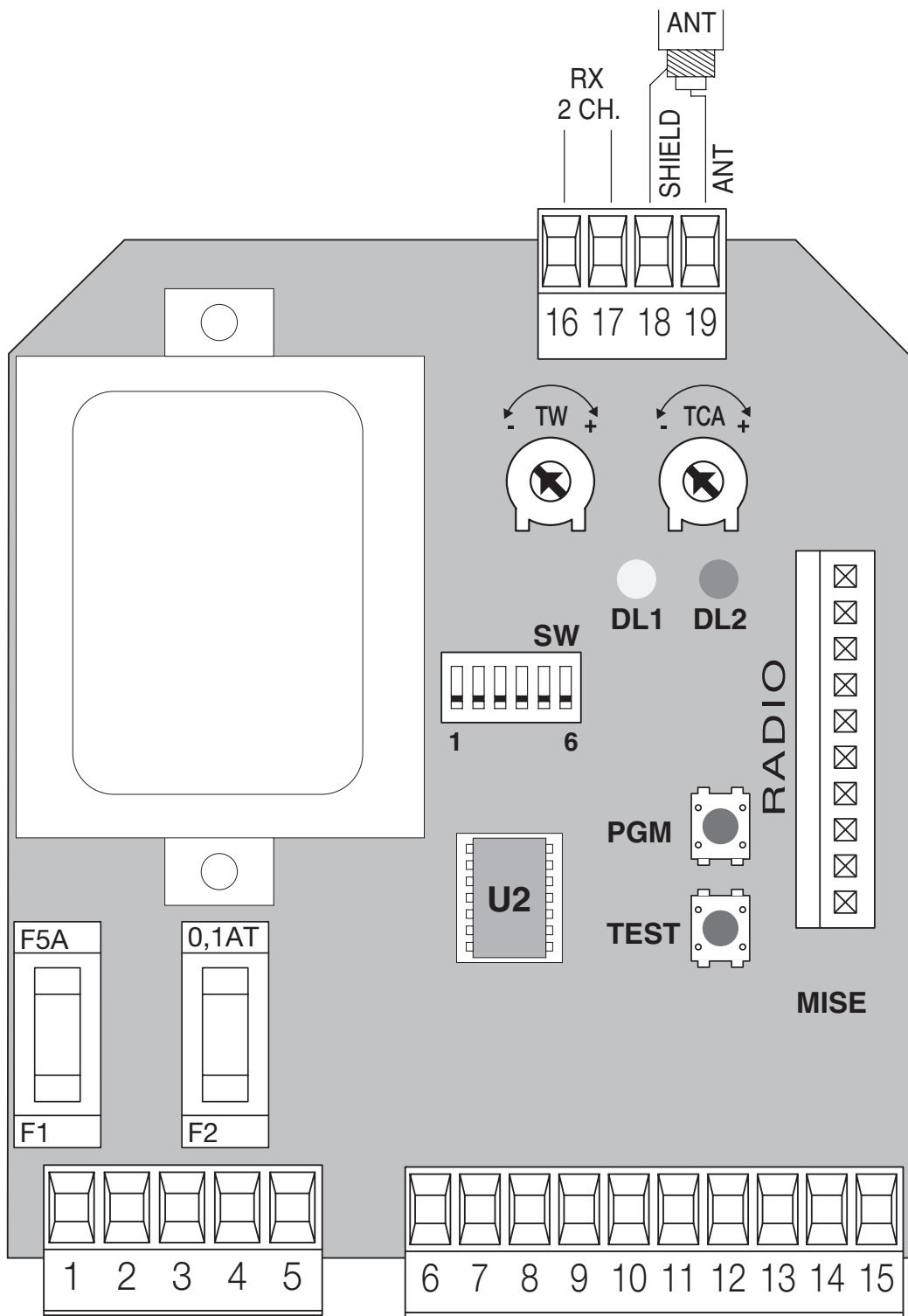
EN 60204-1, EN 60335-1

Data/Firma



BENINCA®

Automatismi Benincà SpA
Via Capitello, 45
36066 Sandrigo (VI)
ITALIA



MISE Control Unit

The **MISE** electronic control unit can be used to control 1 motor with power not exceeding 750W.

GENERAL WARNINGS

- a) The wire connections and the operating logic should be in compliance with regulations in force.
- b) The cables featuring different voltage should be physically separated, or adequately insulated by an additional insulation of at least 1 mm.
- c) The cables should be further fastened in proximity to the terminals.
- d) Check all connections before powering the unit.
- e) Check that setting of the Dip-Switches are the required ones.
- f) Normally Closed inputs which are not in use should be short-circuited.

INPUT/OUTPUT FUNCTIONS

Terminal No.	Function	Description
1-2	Power supply	Input, 230Vac 50Hz (1-Phase/2-Neutral)
3-4-5	Motor	Connection to motor : (3-move/4-Com/5-move)
2-4	LAMP	Output, connection of Flashing light 230 Vac 40W max.
6	SWO	Input, OPENING limit switch (N.C. contact)
7	SWC	Input, CLOSING limit switch (N.C. contact)
8	PHOT	Input, connection of safety devices, N.C. contact (e.g. photocells)
9	STOP	Input, STOP push button (N.C. contact)
10	COM	Common, for all control inputs.
11	Step-by-Step	Input, step-by-step push button (N.O. contact)
12-13	24Vac	Output: power supply of accessories, 24Vac/200mA max.
14-15	SCA/Lock	Voltage-free contact. Uoutput, configuration by means of Dip-switch 5. DIP5 OFF: Open gate LED connection, 24 Vac/3W max. DIP5 ON: Connection to optional Lock card to control the electric lock. Do not connect the electric lock directly to the output.
16-17	RX 2ch.	Output, second radio channel of the receiver. N.O. voltage-free contact. Activated only in presence of insertable, two-channel receiver (MISE-RE)
18-19	Aerial	Connection of the insertable radio receiver card aerial and incorporated radio module (18-screen/19-signal).
J4	Radio	Insertable connector for two-channel radio receiver (MISE-RE) Built-in radio receiver in model (MISE-RI)

Note:

The control unit is provided with a "TEST" push button with the same functions of the Step-by-Step push button. This is useful to control the automatic system during installation.

To check wire connections:

- 1) Cut off power supply.
- 2) Manually release the gate wings, move them to about half-stroke and block them again.
- 3) Reset power supply.
- 4) Send a step-by-step control signal through "TEST" push button, P.P. input or radio control.
- 5) The door should open. If not, it is sufficient to invert the move wires (3-5) of the motor and of the limit switches (6-7).
- 6) Adjust Times and Operating logic.

Trimmer functions

- TW** The opening and closing maximum movement is adjusted by this trimmer. It should be preset to about 4s more than the actual stroke of the automatic system. The adjustment ranges from **3s** minimum to **180s** maximum.
- TCA** It allows to adjust the automatic closure time. Check the Dip-Switch **N°1= On**. The adjustment ranges from **1s** minimum to **180s** maximum

Dip-Switch functions

- DIP 1 “TCA”** The automatic closure is enabled or disabled.
Off: disabled automatic closure
On: enabled automatic closure
- DIP 2 “Cond.”** The multi-flat function is enabled or disabled.
Off: disabled multi-flat function.
On: enabled multi-flat function. The P.P. (Step-by-step) impulse or the impulse of the transmitter have no effect in the opening phase.
- DIP 3 “Phot.Op”** The photocells are activated or deactivated in the opening phase.
Off: activated photocells during opening
On: deactivated photocells during opening
- DIP 4 “P.P. Mod”** The operating mode of the “P.P. (Step-by-Step) Push button” and of the transmitter are selected.
Off: Operation: APRE > STOP > CHIUDE > STOP >
On: Operation: APRE > CHIUDE > APRE >
- DIP 5 “Sca/Lock”** The operating mode at output at terminals 14/15 is selected.
Off: Output, open gate LED
On: Output, impulse for the control of the Lock card for electric lock
- DIP 6 “Radio”** The programmable code transmitters are enabled or disabled (Not used by MISE-RE).
On: Radio receiver enabled only for variable code transmitters (rolling-code).
Off: Receiver enabled for variable code transmitters (rolling-code and programmable code transmitters (self-learning and Dip/switch) .

LED Functions

DL1 LED (green) can indicate the following status:

On: Motor in the closing phase

Off: Motor in the opening phase

Slow flashing: Unit powered by mains power supply

Rapid flashing : Activation of one input (6-7-8-9-11)

DL2 LED (red) is used only form model MISE-RI (see radio configuration)

Built-in receiver configuration (ONLY MISE-RI)

The MISE-RI control unit is equipped with an incorporated radio module to receive signals from both fixed code and variable code remote controls (see functions of Dip-switch 8), with frequency of 433.92MHz.

To use a remote control, its code should be copied first. The memorization procedure is shown hereunder. The device is able to store up to 64 different codes in memory.

To memorize a new transmitter with activation of the P.P. (step-by-step) function

- Press PGM button once for 1s, the DL2 LED starts flashing with 1s pause.
 - Within 10s, press the transmitter push button which should be stored in memory with P.P. function.
- To exit the programming mode, wait for 10s or press the PGM button for 1s, the DL2 LED switches off.

To erase all transmitter codes from memory

- Keep the PGM push button pressed for 15s, the DL2 LED starts flashing rapidly and switches off at completion of erasing.
- Release the PGM push button; the memory is now deleted and the DL2 LED starts flashing regularly again with a 3s pause.

NOTE:

The transmitters are stored in a EPROM (U5) memory which can be extracted from the control unit and inserted in a new MISE-RI control unit, should the control unit be replaced.

For safety reasons, the transmitter codes cannot be stored in memory during the motor opening/closing phases.

If, when entering the memorization procedure of transmitters, the DL2 LED shows a long flash and switches off, this means either the receiver memory is full and no further transmitter codes can be stored in memory, or the transmitter used is not compatible.