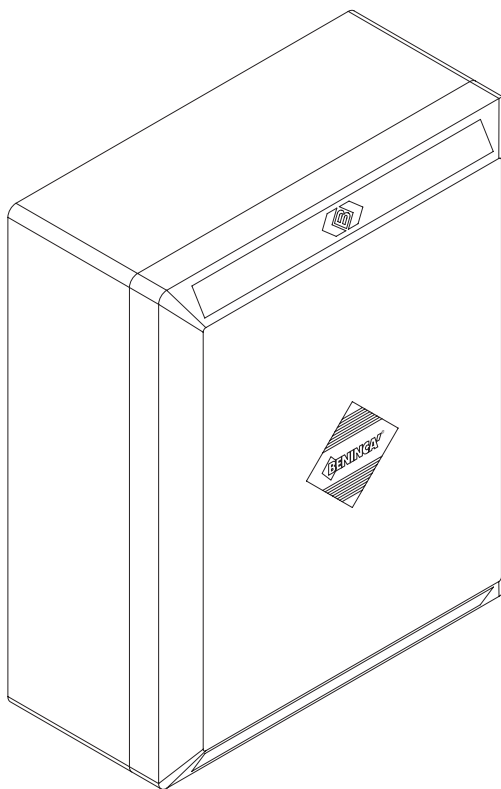


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Rev. 02/00/01



CENTRALINA A MICROPROCESSORE  
**CONTROL UNIT WITH MICROCONTROLLER**  
MIKROCONTROLLER-STEUERUNG  
**CENTRALE A MICROCONTRÔLEUR**  
CENTRALITA A MICROPROCESADOR

**DA.S04**



Libro istruzioni  
**Operating instructions**  
*Betriebsanleitung*  
**Livret d'instructions**  
Libro de instrucciones

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**

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

**DA.S04**

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:

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)

Norme armonizzate applicate in particolare:  
Applied harmonized standards, in particular:  
Angewendete harmonisierte Normen, insbesondere:  
Normes harmonisée utilisées, notamment:  
Normas armonizadas utilizadas particularmente:

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

Norme e specifiche tecniche nazionali applicate in  
particolare:  
Applied national technical standards and specifications, in  
particular:  
Angewendete nationale Normen und technische  
Spezifikationen, insbesondere:  
Normes et specifications techniques nationales qui ont été  
utilisées, notamment:  
Normas y especificaciones técnicas nacionales que se  
utilizaron particularmente:

UNI 8612

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)

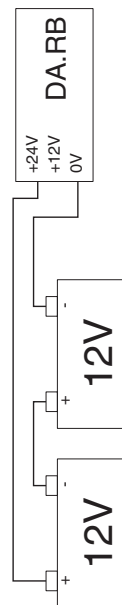
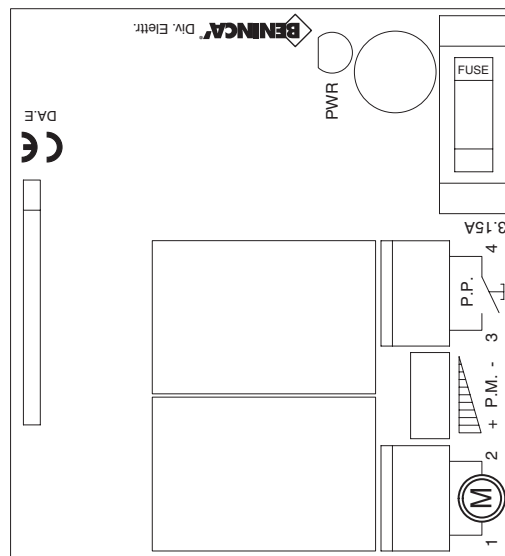
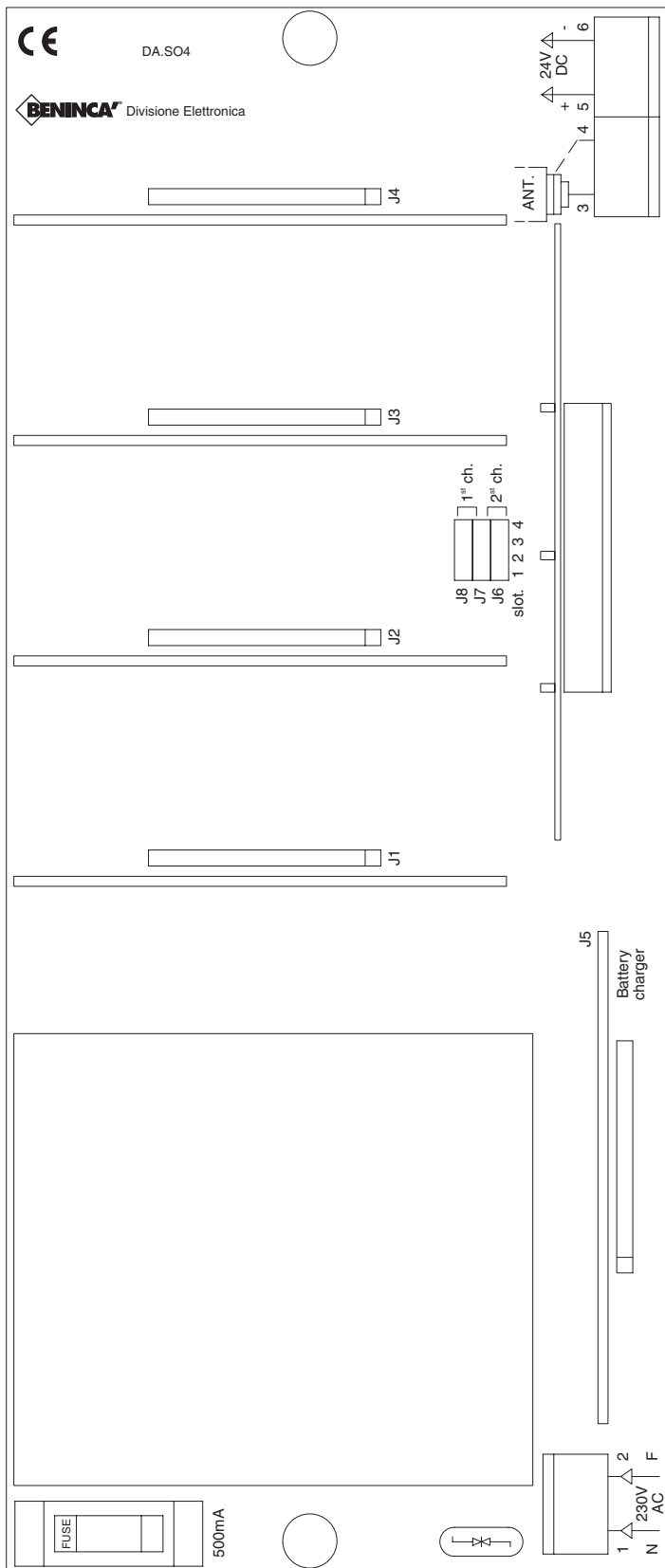
Norme armonizzate applicate in particolare:  
Applied harmonized standards, in particular:  
Angewendete harmonisierte Normen, insbesondere:  
Normes harmonisée utilisées, notamment:  
Normas armonizadas utilizadas particularmente:

EN 60204-1, EN 60335-1

Data/Firma

**BENINCA<sup>®</sup>**  
AUTOMATISMI PER CANCELLI

Automatismi Benincà Srl  
Via Capitello, 45  
36066 SANDRIGO (VI)  
ITALIA



## DA.S04 Control unit with microcontroller

The cabinet "DA.S04" can be used to control power motors not greater than 20W.

Extension module DA.E

(1,2) Motor = Output, 24VDC motor

(3,4) P.P. = Input, control push button

Operating mode "open – close"

Trimmer P.M. = Adjustment of current limiter activation threshold

**Important:** Before inserting or replacing the cards "DA.E", cut-off power supply to the basic board. Check that the connectors are correctly aligned before powering the circuit.

Mother board

(1,2) 230VAC = Input, power supply 230VAC - 50/60Hz

(3,4) 24VDC = Output, auxiliary 24VDC – Max consumption 1A ("3" negative, "4" positive)

(5,6) Antenna = Input, antenna for radio receiver.

J1,J2,J3,J4 = Connectors for control cards DA.E.

The cards are inserted at random.

Cut-off power supply to the mother board before inserting or removing the various cards.

J5 = Connector for battery charging card DA.RB.

Connect the negative pole of the battery to terminal "0V" and the positive to terminal "+24V"; it is not necessary to connect the intermediate terminal "+12V".

J6,J7,J8 = Channel selection of the radio receiver towards the connectors J1, J2, J3, J4.

Example: To connect the 1<sup>st</sup> channel of the receiver to the connector J3, short circuit J7-J8 in correspondence with column No. 3.

Four-channel radio receiver: in a four-channel receiver, each channel must be connected directly to inputs "P.P." of the modules DA.E to be controlled. Selections J6, J7, J8 are valid only if a receiver connected to connector JRX is used.