

» OPERADOR ELECTROMECHANICO LATERAL USO CONTINUO MARCA ELSAMEC
MOD.SPEEDY TAURUS.

REV03_03_25 Speedy TAURUS – VSF: 230T



SPEEDY TAURUS – VSF T 230V



Instructions manual for the installation, use and maintenance
Only for SPEEDY TAURUS T 230V E SPEEDY VSF T 230V



V05.23

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IMPORTANT NOTICE FOR THE INSTALLER

GENERAL SAFETY REGULATIONS

ATTENTION! Incorrect installation can entail serious risks! Follow closely instructions and keep aside.

Improper installation or misuse of the product will cause very serious damages to persons.

Read the instructions carefully before installing the product.

This apparatus has been manufactured respecting the strictest safety standards in force, and is in conformity with the European Directives 2006/95/CE (ex 73/23/CE), and EMC 2004/108/CE (ex 89/366/CE).

The installation will have to be done in respect of the standards in force on the subject of installations in the Country; the manufacturer declines all responsibilities for incorrect installations or improper use of the product. In order to be at standards, the installation should include an omnipolar sectionalizing switch, the contacts of which should have a minimum opening distance of 3mm. For the electrical wiring, if not directly specified, and with low-voltage command on board, use cable CEI 20-22 3x1,5 max diameter 10,6 mm for feeding the system, and a cable CEI 20-22 4x0,5 max diameter 8mm. without ground wire, for the push-button or key-switch activation, which must comply with EN 60335-2-95.

THE MOTOR MUST BE CONNECTED TO GROUND!

Before starting to install the motor, remove all element left from previous installations. Install the motor at a height of minimum 2,5 mtrs. Place the commands of the motors (key-switch etc.) far from any moving part but as near as to check the movement of the shutter, at a minimum height of 1,5 mtrs: The systems for hand override must be always in service and easily accessible. **Strictly follow indications given in these instructions. If the hand override cannot be operated from the outside, make sure that the room is serviced by a secondary entrance.**

After the installation:

verify the movements of the shutter (keep people away from the shutter until it has completely closed);

verify the correct functioning of the limit-switch;

specific safety devices must be installed to avoid that accidental or unwanted operations of opening or closing of the shutter could represent a danger for persons or things that might interfere with the movement of the shutter;

verify the correct functioning of the hand override and instruct all users on the correct use of it.

ONCE THE INSTALLATION IS FINISHED, THE INSTALLER MUST INSTRUCT THE END USER ABOUT THE CORRECT FUNCTIONING OF THE WHOLE SYSTEM, AND ABOUT PROCEDURES IN CASE OF FAILURE.

This product has been designed and manufactured only for the use stated in this manual. Any other use not expressly set forth will affect the reliability of the product and/or could be source of hazard.

Elsamec srl cannot be held responsible for any damage caused by improper use or different from the use for which the automation system is destined to.

Do not use this device in areas subject to explosion: the presence of flammable gas or fumes is a serious hazard.

Elsamec srl cannot be held responsible for failure to observe technical standards in the construction of gates and doors, or for any deformation of the gates which may occur during use.

Installation must comply with recent regulations.

Countries outside the EC shall follow the regulations above besides their national normative references in order to offer the utmost safety.

Elsamec srl cannot be held responsible regarding safety and correct functioning of the automation in the event that parts other than Elsamec srl original parts are used.

Use only Elsamec srl original spare parts for maintenance operations.

Do not carry out any modifications to automation components.

The installer must supply all information regarding manual operation of the system in the event of an emergency and provide the end-user with the leaflet attached to the product.

Keep out of persons when the product is in operation.

Keep out of reach of children the remote radio controls and any control devices. The automation could be operated unintentionally.

The end-user must avoid any attempt to repair or adjust the automation personally. These operations must be carried out exclusively by qualified personnel.

What is not explicitly stated in these instructions is not permitted.














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CONNECTION FOR SPEEDY VSF (MECHANICAL LIMIT SWITCH)

SHIELDED CABLE 6X1mm
CAVO SCHERMATO 6X1mm

GROUND YELLOW TERRA GIALLO	
(W) MOTOR BROWN 3~230V (W) MOTORE MARRONE	
(V) MOTOR BLUE 3~230V (V) MOTORE BLU 3~230V	
(U) MOTOR GREY 3~230V (U) MOTORE GRIGIO 3~230V	
GREEN BRAKE (220/30 Vdc) VERDE FRENO (220/30 Vdc)	
PINK BRAKE (220/30 Vdc) ROSA FRENO (220/30 Vdc)	
(GREEN) THERMAL+SAFETY NC (VERDE) SICUREZZA NC	
(YELLOW) THERMAL+SAFETY NC (GIALLO) TERM.+SICUREZZA NC	
(14) GREY UP LIMIT SWITCH (14) GRIGIO FINEC. SALITA	
(12) WHITE/PINK COMMON (12) BIANCO/ROSA COMUNE	
(13) BROWN DWN LIMIT SWITCH (13) MARRONE FINEC. DISCESA	
NOT USED NON USATO	



	YELLOW - GROUND GIALLO - TERRA
	RED - MF1 ROSSO - MF1
	BLUE - MF2 BLU - MF2
	BLACK - MF3 NERO - MF3
	RED FR1 ROSSO FR1
	RED FR2 ROSSO FR2
	BLACK THERMAL+SAFETY NERO TERMICA+SICUREZZA
	YELLOW THERMAL+SAFETY GIALLO TERM.+SICUREZZA
	BLACK UP LIMIT SW. NERO FINEC. SALITA
	BLUE COMMON LIMIT BLU COMUNE FINEC.
	BROWN DWN LIMIT SW. MARRONE FINEC. DISCESA
	NOT USED NON USATO













SHIELDED CABLE 6X0,5 mm
CAVO SCHERMATO 6X0,5 mm

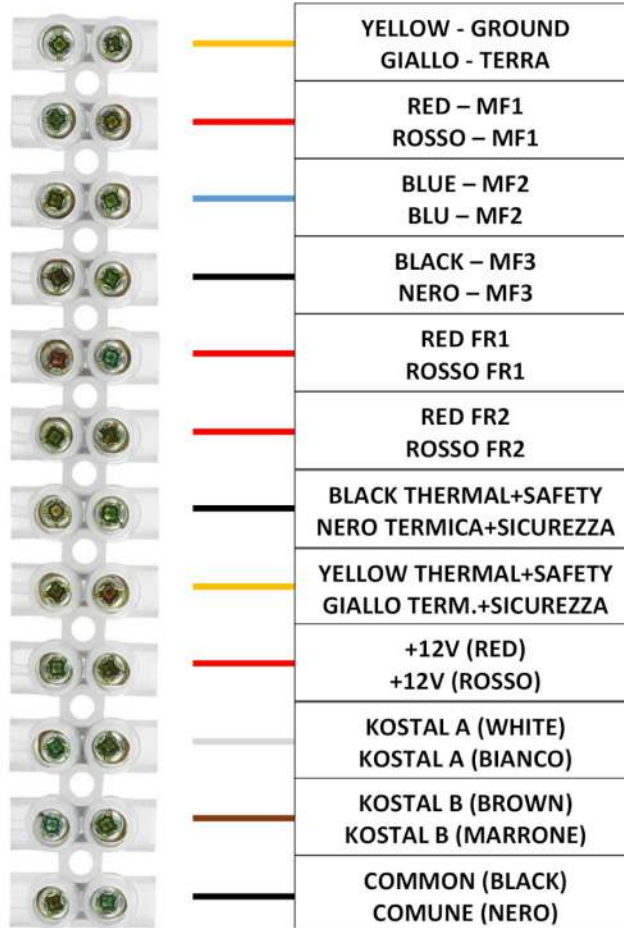


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CONNECTION FOR SPEEDY VSF (KOSTAL)

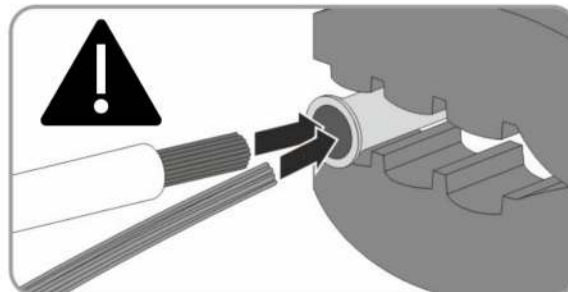
SHIELDED CABLE 6X1mm
CAVO SCHERMATO 6X1mm

YELLOW GROUND GIALLO TERRA	
(W) BROWN MOTOR 3~230V (W) MARRONE MOTORE 3~230V	
(V) BLUE MOTOR 3~230V (V) BLU MOTORE 3~230V	
(U) GREY MOTOR 3~230V (U) GRIGIO MOTORE 3~230V	
GREEN BRAKE (220/30 Vdc) VERDE FRENO (220/30 Vdc)	
PINK BRAKE (220/30 Vdc) ROSA FRENO (220/30 Vdc)	
(GREEN) THERMAL+SAFETY NC (VERDE) SICUREZZA NC	
(YELLOW) THERMAL+SAFETY NC (GIALLO) TERM.+SICUREZZA NC	
(+12V) BROWN RS485 KOSTAL (+12V) MARRONE RS485 KOSTAL	
KOSTAL A (WHITE) KOSTAL A (BIANCO)	
KOSTAL B (PINK) KOSTAL B (ROSA)	
(COM) GREY GND AND SHIELD (COM) GRIGIO COM E SCHERM.	



SHIELDED CABLE 6X0,5 mm
CAVO SCHERMATO 6X0,5 mm












FOR THE CONNECTION OF THE
KOSTAL DIGITAL ENCODER,
CONNECT THE SHIELDING TO THE
COMMON ON OUTPUT 21.



» OPERADOR ELECTROMECHANICO LATERAL USO CONTINUO MARCA ELSAMEC
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CONNECTION FOR SPEEDY TAURUS (MECHANICAL LIMIT SWITCH)

SHIELDED CABLE 6X0,5 mm
CAVO SCHERMATO 6X0,5 mm

NOT USED NON USATO	
(13) BROWN DWN LIMIT SWITCH (13) MARRONE FINEC. DISCESA	
(12) WHITE/PINK COMMON (12) BIANCO/ROSA COMUNE	
(14) GREY UP LIMIT SWITCH (14) GRIGIO FINEC. SALITA	
(YELLOW) THERMAL+SAFETY NC (GIALLO) TERM.+SICUREZZA NC	
(GREEN) THERMAL+SAFETY NC (VERDE) SICUREZZA NC	
PINK BRAKE (220/30 Vdc) ROSA FRENO (220/30 Vdc)	
GREEN BRAKE (220/30 Vdc) VERDE FRENO (220/30 Vdc)	
(U) MOTOR GREY 3~230V (U) MOTORE GRIGIO 3~230V	
(V) MOTOR BLUE 3~230V (V) MOTORE BLU 3~230V	
(W) MOTOR BROWN 3~230V (W) MOTORE MARRONE	
GROUND YELLOW TERRA GIALLO	



NOT USED NON USATO	
BROWN DWN LIMIT SW. MARRONE FINEC. DISCESA	
BLUE COMMON LIMIT BLU COMUNE FINEC.	
BLACK UP LIMIT SW. NERO FINEC. SALITA	
YELLOW THERMAL+SAFETY GIALLO TERM.+SICUREZZA	
YELLOW THERMAL+SAFETY GIALLO TERM.+SICUREZZA	
BLACK FR2 NERO FR2	
BLACK FR2 NERO FR2	
BLACK – MF3 NERO – MF3	
BLUE – MF2 BLU – MF2	
RED – MF1 ROSSO – MF1	
YELLOW - GROUND GIALLO - TERRA	

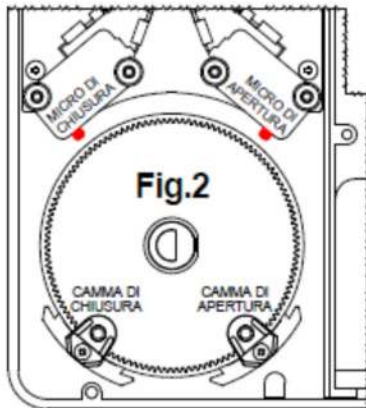
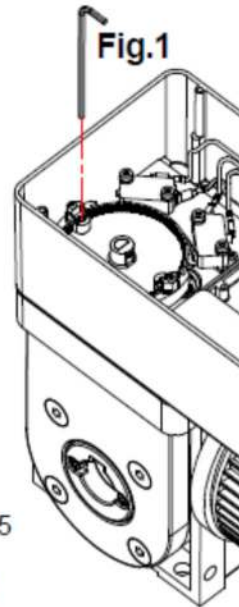
SHIELDED CABLE 6X1mm
CAVO SCHERMATO 6X1mm



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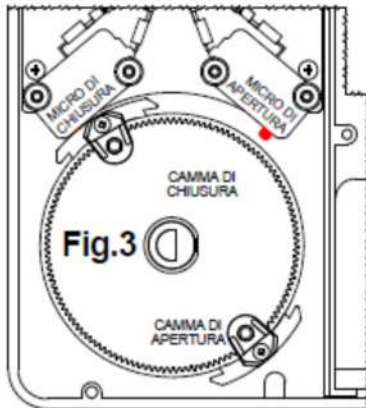
LIMIT-SWITCH INSTRUCTIONS

ELECTROREDUCER **SPEEDY VSF**
MECHANICAL LIMIT-SWITCH SETUP



1) Closing stroke set up: insert a 2.5 mm hexagonal wrench (Fig. 1) in the appropriate seat of the closing cam (Fig. 2) and rotate clockwise, positioning the cam in contact with the closing microswitch in order to fix the contact button beyond the center line of the cam (Fig. 3), thus ensuring a slowing stroke of the door before it stops.

This operation must be carried out with the door completely closed. For any subsequent corrections, use the hexagonal key according to the directions indicated by the arrows (Fig. 4).



2) As above, repeat the operation to set the opening stroke.

ATTENTION:

the above is valid if the electroreducer is installed to the left of the door and the electric motor is facing downwards (Fig. 5).

If the electroreducer is installed to the right of the door directions of rotation will be reversed and the closing cam will be for opening, while the opening cam will be closing.

Fig.5

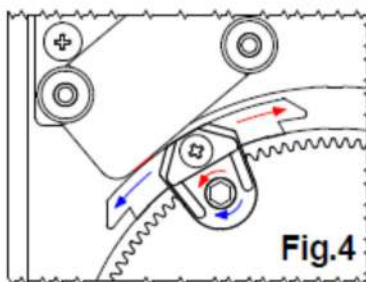
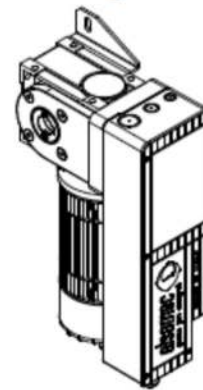
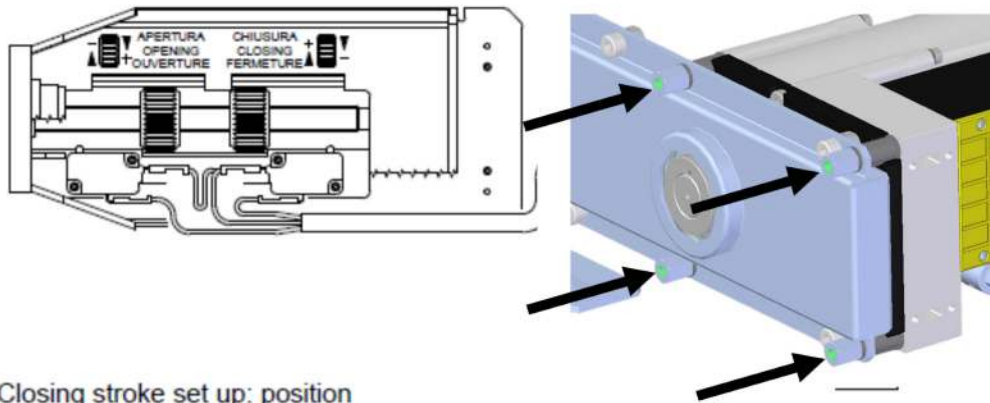


Fig.4



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ELECTROREDUCER **SPEEDY TAURUS**
MECHANICAL LIMIT-SWITCH SETUP



1) Closing stroke set up: position the right knurled wheel (A) in contact with the closing microswitch in order to have the contact button positioned beyond the center line of the wheel (Fig. 1), so it's possible to have a slowing stroke of the door before it stops. This operation must be carried out with the door completely closed. For any subsequent corrections, use the same wheel according to the directions indicated by the arrows (+ or -).

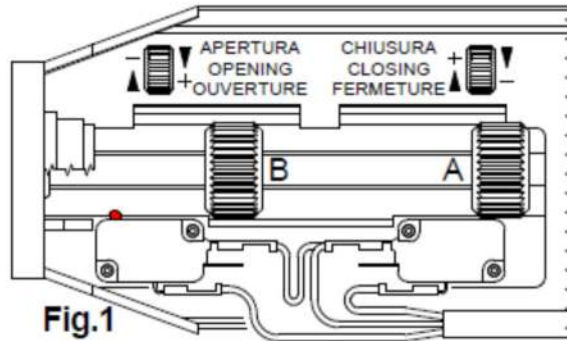


Fig.1

2) Similarly above, set the left knurled wheel (B) to adjust the opening stroke.

ATTENTION:

the above is valid if the electroreducer is installed to the left of the door (looking from the inside ref. Fig. 2).

If the electroreducer is installed to the right of the door (looking from the inside, ref. Fig. 3), proceed as described above, bearing in mind, however, that the direction of rotation of the shutter will be opposite to the data on the limit switch cover.

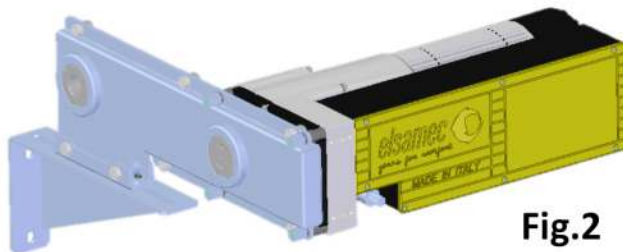


Fig.2

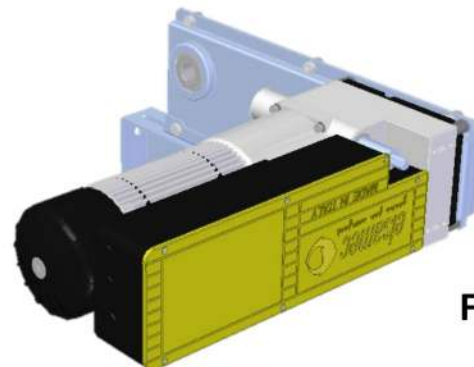


Fig.3



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