LGT-FIT

MKN | Technical manual | Reading edition

Technical content from the original MKN document, reorganized for computer, mobile and printed reading. Diagrams and board markings are preserved. Check the model and revision before installation. Reference translation; consult the Portuguese original if in doubt.

control board FIT

Main features

Connections

Installation

programming controls

Erasing all controls

Programming travel

MAIN FEATURES:

• For single-phase motor up to ½ hp in 127V/220V

• programming automatic from travel

• 433,92 MHz multi-code receiver: Code-Learning and Rolling-Code

• Records up to 41 controls with up to 3 buttons per control

control board CONNECTIONS:

KRE CONNECTORS (TERMINALS): MAINS (AC) x2: Electrical network 127V / 220V CM: motor common wire FC + CAP: motor closing wire + capacitor terminal AB + CAP: motor opening wire motor + capacitor terminal

INSTALLING control board:

1°- Make the necessary connections as shown in the image below 2°- Follow the next topics in this manual.

INSTALLATION DIAGRAM:

motors yarn colors:

CAPACITOR

IMPORTANT: IDENTIFY THE COMMON WIRE OF THE motor AND CONNECT THE OTHER WIRES TO THE CM TERMINAL

FROM motor, CALL AT AB and FC.

*SEE TABLE ABOVE

motor

limit switch SENSOR

Connect the sensor to 3 or 5 via

in the connector

ELECTRICAL NETWORK

(127V / 220V)

PROTECTION FUSE

SELECT VOLTAGE

FROM THE ELECTRICAL NETWORK

BUTTON GRAVA TX

JUMPER PROGRAM

travel

SIGNALING LED

programming CONTROLS:

The control board records up to 41 controls in 433,92MHz in the Code-Learning and Rolling-Code system. And, up to 3 buttons of the same control can be recorded without taking up new memory space.

1°

KEEP pressing the control button to be recorded on the control board

2°

Slowly press the PROG button on the control board for 2 times

PROG.

press 2x

GRAVA TX

3°

Note the LED:

3 blinks: Recorded successfully 2 blinks: Added button on control already recorded 1 blink: Control and button already recorded 1 long blink: Memory full

LED

blink response

There are control models that when recording 1 button, the

other buttons are recognized as being the same.

DELETING ALL remote controls:

IMPORTANT: This action erases ALL controls on the control board.

1°

HOLD press the PROG button of the control board

PROG.

GRAVA TX

2°

Activate some remote control and the LED of control board will light up. Note: The control does not need to be registered with control board.

3°

CONTINUE TO HOLD the PROG button until the LED of the control board flashes 3 times. Ready!

PROG.

LED flashes 3x

GRAVA TX

PROGRAMMING travel TIME:

The control board FIT automatically programs the travel, simply place the GRAVA PERC jumper. in the YES position and wait. The gate will open and close, saving the travel in memory. Once completed, return the GRAVA jumper to the OFF position.

JUMPER

GRAVA PERC.

YES | NO

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☞ Principais características
☞ Conexões
☞ Instalação
☞ Gravando controles
☞ Apagando todos os controles
☞ Programando Percurso

PRINCIPAIS CARACTERÍSTICAS:

menu

- Para motor monofásico de até ½ cv em 127V/220V
- Gravação automática de percurso
- Receptor 433,92 MHz multicódigos: Code-Learning e Rolling-Code
- Grava até 41 controles com até 3 botões por controle

CONEXÕES DA CENTRAL:

menu

CONECTORES KRE (BORNES):

REDE (AC) x2: Rede elétrica 127V / 220V

CM: Fio comum do motor

FC + CAP: Fio de fecha do motor + terminal do capacitor

AB + CAP: Fio de abre do motor + terminal do capacitor

INSTALANDO A CENTRAL:

menu

1°- Faça as ligações necessárias conforme imagem abaixo

2°- Siga os próximos tópicos desse manual.

Diagrams and visual reference

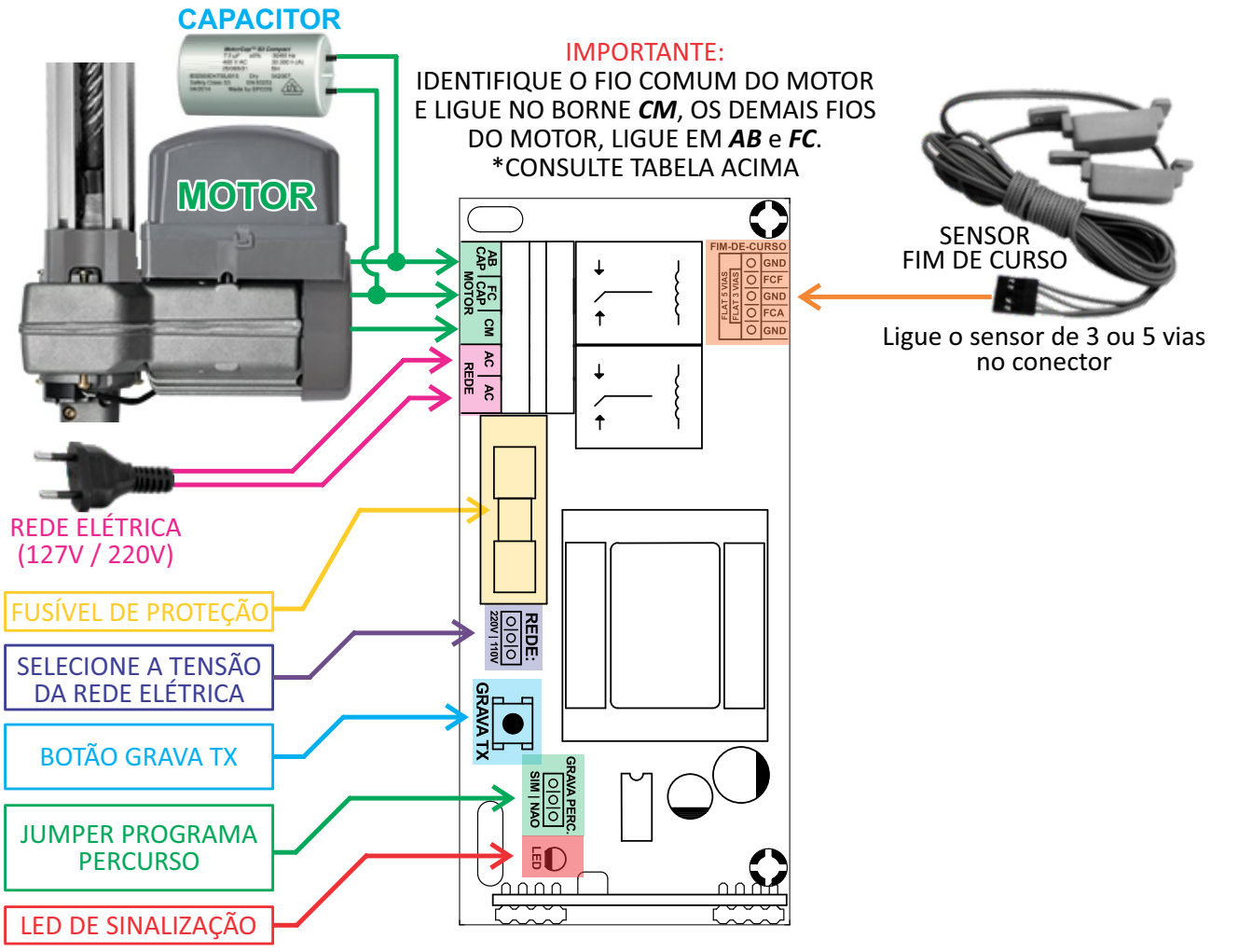
Original reference 2

DIAGRAMA DE INSTALAÇÃO:

menu

Cores de fios de motores:

COMUM	U	AMAR	AZUL	PRETO	VERM	AMAR	AZUL	VERDE
FECHA	V	VERM	PRETO	BRANCO	PRETO	AZUL	BRANCO	PRETO
ABRE	W	PRETO	BRANCO	MARROM	AZUL	VERM	LARAN	BRANCO



GRAVANDO CONTROLES:

menu

A central grava até 41 controles em 433,92MHz no sistema Code-Learning e Rolling-Code. E, pode ser gravado até 3 botões do mesmo controle sem ocupar novo espaço na memória.

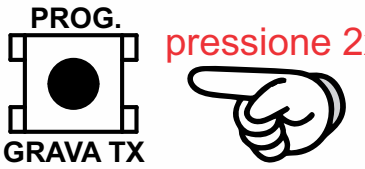
Diagrams and visual reference

Original reference 3

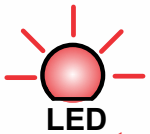
1° MANTENHA acionado o botão do controle a ser gravado na central



2° Pressione lentamente por 2 vezes o botão ***PROG*** da central



3° Observe o ***LED***:
3 piscadas: Gravado com sucesso
2 piscadas: Adicionado botão no controle já gravado
1 piscada: Controle e botão já gravado
1 piscada longa: Memória cheia

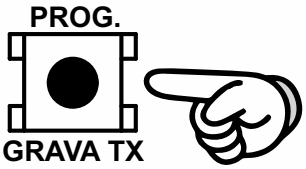


Existem modelos de controle que ao gravar 1 botão, os demais botões são reconhecidos como sendo o mesmo.

APAGANDO TODOS CONTROLES REMOTOS: menu

IMPORTANTE: Esta ação apaga TODOS os controles da central.

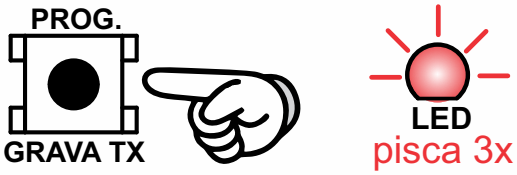
1° MANTENHA pressione o botão ***PROG*** da central



2° Acione algum controle remoto e o ***LED*** da central se acenderá.
Obs.: O controle não precisa estar cadastrado na central.



3° CONTINUE MANTENDO pressionado o botão ***PROG*** até o ***LED*** da central piscar 3 vezes. Pronto!



PROGRAMANDO O TEMPO DE PERCURSO: menu

Diagrams and visual reference

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A central **FIT** faz a programação automática do percurso, basta colocar o jumper ***GRAVA PERC.*** na posição ***SIM*** e aguardar. O portão irá abrir e fechar, salvando o percurso na memória.

Após concluído, recoloque o jumper ***GRAVA*** na posição ***OFF***.



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