



Puertas & Portones Automáticos, S.A. de C.V.

¡Nuestra pasión es la Solución!....

» OPERADOR ELECTROMECHANICO INDUSTRIAL CASIT ROLLY MOD.MC300/R.



MANUAL DE INSTALACION

VERSIÓN 1
FEBRERO 2019



(229) 288-1552

portonesautomaticos@adsver.com.mx
portonesautomaticos@prodigy.net.mx



(229) 927-5107, 167-8080, 167-8007, 151-7529.

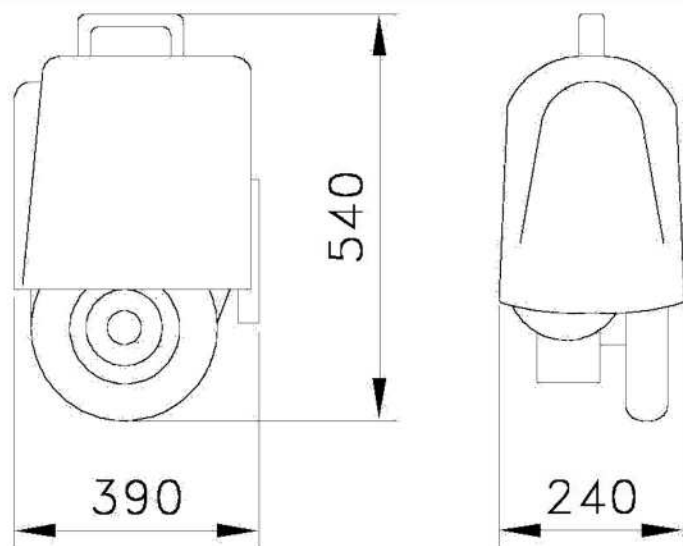
www.adsver.com.mx

ROLLY **MC300/R**

INSTALLATION AND MAINTENANCE
MANUAL AND SPARE PARTS /
ACCESSORIES CATALOGUE

OPERATOR FOR THE AUTOMATION OF
SWING GATES

Operator used for the electromechanical command of one leaf gates with flat or light slope floor.
Reducer type CASIT 33/C with three-phase or single-phase motor with capacitor. It can be installed on gates of every dimension on condition that the gates are selfportant and with electric-lock.
The rotation is possible with a rubber wheel interchangeable, If the power is off, lift the group by the appropriate handle and move manually the gate.
The operator is predisposed; complete of electronic control-panel and it includes all devices of safety according the Norms.



WARNING !!
**Before installing, carefully
read this manual.**
**This installation manual is
intended for professionally
competent personnel only**

**N.B. - Casit declines every
responsibility in case of not
observance of the normative in
force in the Country where the
installation is made**

1. GENERAL SAFETY PRECAUTIONS

USE – Warnings for the User

The following precautions are an integral and essential part of the products and must be supplied to the user. Read them carefully as they contain important indications for the safe installation, use and maintenance.

These instructions must be kept and forwarded to all possible future user of the system.

This product must be used only for that which it has been expressly designed. Any other use is to be considered improper and therefore dangerous.

The manufacturer cannot be held responsible for possible damage caused by improper, erroneous or unreasonable use. Avoid operating in the proximity of the hinges or moving mechanical parts.

Do not enter the field of action of the motorised door or gate while in motion.

Do not obstruct the motion of the motorised door or gate as this may cause a situation of danger.

Do not allow children to play or stay within the field of action of the motorised door or gate. Keep remote control or any other control devices out of the reach of children, in order to avoid possible involuntary activation of the motorised door or gate.

In case of breakdown or malfunctioning of the product, disconnect from the mains, do not attempt to repair or intervene directly and contact only qualified personnel. Failure to comply with the above may create a situation of danger.

The user can only execute the manual drive.

All cleaning, maintenance or repair work must be carried out by qualified personnel.

In order to guarantee that the system works efficiently and correctly it is indispensable to comply with the manufacturer's indications thus having the periodic maintenance of the motorised door or gate carried out by qualified personnel.

In particular regular checks are recommended in order to verify that the safety devices are operating correctly.

All installation, maintenance and repair work must be documented and made available to the user.

INSTALLATION – Instructions for the fitter

The installation must be carried out by qualified personnel. The installation, the electrical connections and the settings must be completed in conformity with good workmanship and with the laws in force. Read the instructions carefully before beginning to instal the product. Incorrect installation may be source of danger. Packaging materials (plastic, polystyrene, etc.) must not be allowed to litter the environment and must be kept out of the reach of children for whom they may be a source of danger.

Before beginning the installation check that the product is in perfect condition. Do not install the product in explosive areas and atmospheres: the presence of flammable gas or fumes represents a serious threat to safety.

Before installing the motorisation device, make all the structural modifications necessary in order to create safety clearance and to guard or isolate all the compression, shearing, trapping and general danger areas. Check that the existing structure has the necessary strength and stability.

The manufacturer of the motorisation device is not responsible for the non-observance of workmanship in the construction of the frames to be motorised, nor for deformations that may occur during use.

The safety devices (photoelectric cells, mechanical obstruction sensor, emergency stop, etc.) must be installed taking into account: the provisions and the directives in force, good workmanship criteria, the installation area, the functional logic of the system and the forces developed by the motorised door or gate.

The safety devices must protect against compression, shearing, trapping and general danger areas of the motorized door or gate.

Display the signs required by law to identify danger areas. Each installation must bear a visible indication of the data identifying the motorised door or gate.

Before connecting to the mains check that the rating is correct for the destination power requirements. A multipolar isolation switch minimum contact gaps of 3mm must be included in the mains supply.

Check that upstream of the electrical installation there is an adequate differential switch and a suitable circuit breaker. Ensure that the motorised door or gate has an earth terminal in accordance with the safety regulations in force. The manufacturer of the motorising device declines all responsibility in cases where components which are incompatible with the safe and correct operation of the product have been installed. For repairs or replacement of products only original spare must be used.

The fitter must supply all information concerning the automatic, the manual and the emergency operation of the motorised door or gate, and must provide the user of the device with the operating instructions.

CARATTERISTICHE TECNICHE – TECHNICAL DATA – DONNES TECHNIQUES

Modelli Models Modèles	Alimentazione Power supply Alimentation	Potenza Power Puissance	Condensatore Capacitor Condensateur	Coppia Torque Couple	Capacità di spinta della ruota Thrust capacity of the wheel Capacité de pousseè de la roue	Velocità della ruota Wheel speed Vitesse de la roue
MC300/R63MD MS MC300/RC63MD MS MC300/RCM63MD MS	230Vac 50/60Hz Monofase Singlephase Monophase	300 W 1,2 A	10 Mf standard	22 Nm	20 kg	16 mt/1'
		460 W 2,0 A	16 Mf optional	40 Nm	35 kg	
MC300/R80MD MS MC300/RC80MD MS MC300/RCM80MD MS	400Vac 50/60Hz Trifase Threephase Triphase	550 W	31,5 Mf	75 Nm	66 Kg	
		370 W	-	60 Nm	53 kg	
MC300/R80TD TS MC300/RC80TD TS MC300/RCM80TD TS		750 W	-	80 Nm	66 kg	

MODELLI DISPONIBILI – AVAILABLE MODELS - MODÈLES DISPONIBLES

MC300/R	Operatore per pavimento in piano max dislivello 30 mm, attacco oscillante Operator for flat floor Max unevenness 30 mm, tilting connection Operateur pour plancher en plan max dénivelle 30 mm, plaque de fixation oscillant			
MC300/R63MD	MC300/R80MD	MC300/R71TD	MC300/R80TD (*)	Mod. Dx (Fig.1)
MC300/R63MS	MC300/R80MS	MC300/R71TS	MC300/R80TS (*)	Mod. Sx (Fig.1)
Motor mec63 1 phase	Motor mec80 1 phase	Motor mec71 3 phase	Motor mec80 3 phase	

MC300/RC	Operatore per pavimento in pendenza max dislivello 350 mm, attacco telescopico Operator for slope floor Max unevenness 350 mm, telescopic connection Operateur pour plancher en pente max dénivelle 350 mm, plaque de fixation télescopique			
MC300/RC63MD	MC300/RC80MD	MC300/RC71TD	MC300/RC80TD (*)	Mod. Dx (Fig.1)
MC300/RC63MS	MC300/RC80MS	MC300/RC71TS	MC300/RC80TS (*)	Mod. Sx (Fig.1)
Motor mec63 1 phase	Motor mec80 1 phase	Motor mec71 3 phase	Motor mec80 3 phase	

MC300/RCM	Operatore per pavimento in piano max dislivello 30 mm, attacco telescopico con molla di pressione (per aumentare l'aderenza al pavimento) Operator for flat floor Max unevenness 30 mm, telescopic connection with spring (in order to increase the grip to the ground) Operateur pour plancher en plan max dénivelle 30 mm, plaque de fixation télescopique avec ressort du pression (pour agumenter l'adhérence au plancher)			
MC300/RC63MD	MC300/RC80MD	MC300/RC71TD	MC300/RC80TD (*)	Mod. Dx (Fig.1)
MC300/RC63MS	MC300/RC80MS	MC300/RC71TS	MC300/RC80TS (*)	Mod. Sx (Fig.1)
Motor mec63 1 phase	Motor mec80 1 phase	Motor mec71 3 phase	Motor mec80 3 phase	

Specificare all'ordine tensione motore (monofase o trifase).
 Specify on the order the type of motor (singlephase or threephase).
 Signaler à la commande le type du moteur (monophase o triphase).
 (*) Su richiesta – On demand – Sur demande

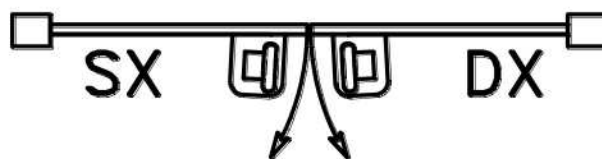
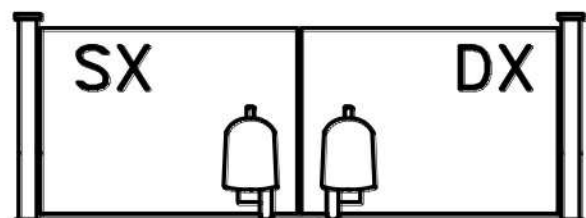
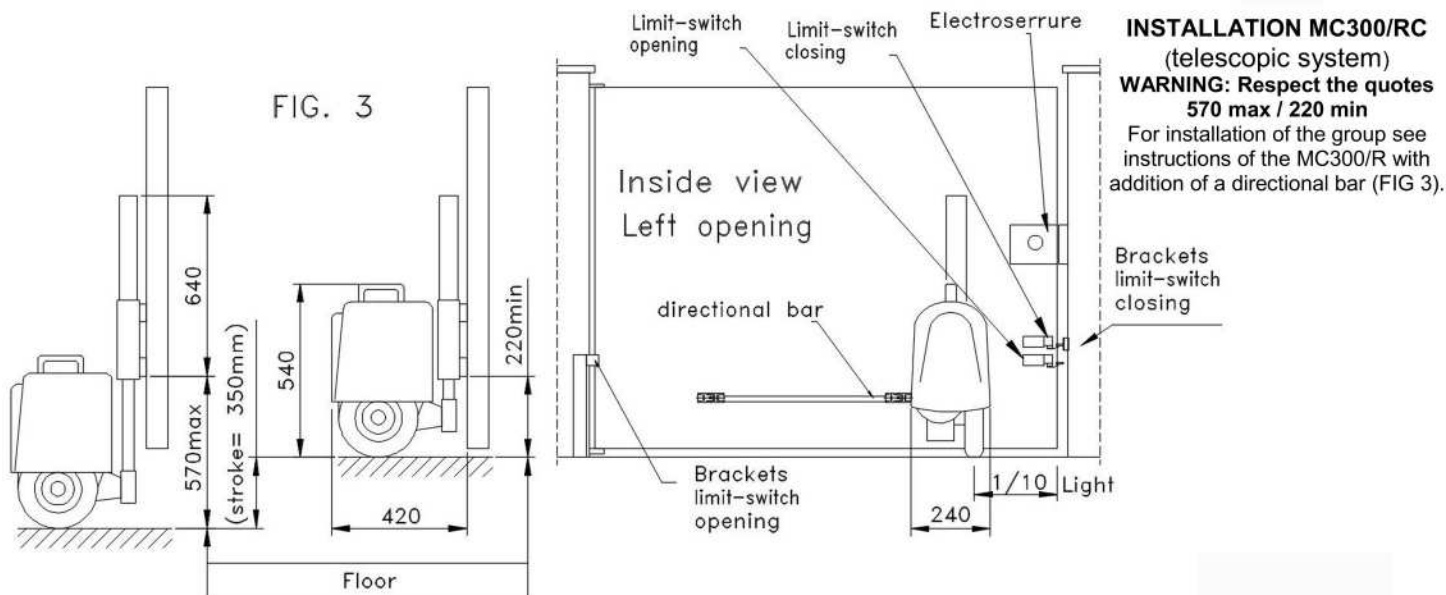
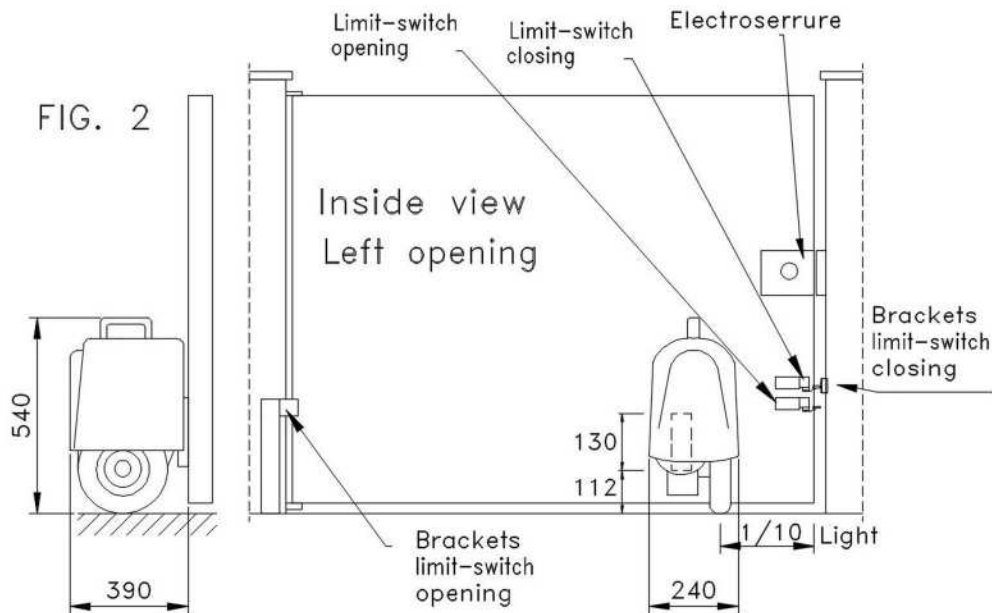


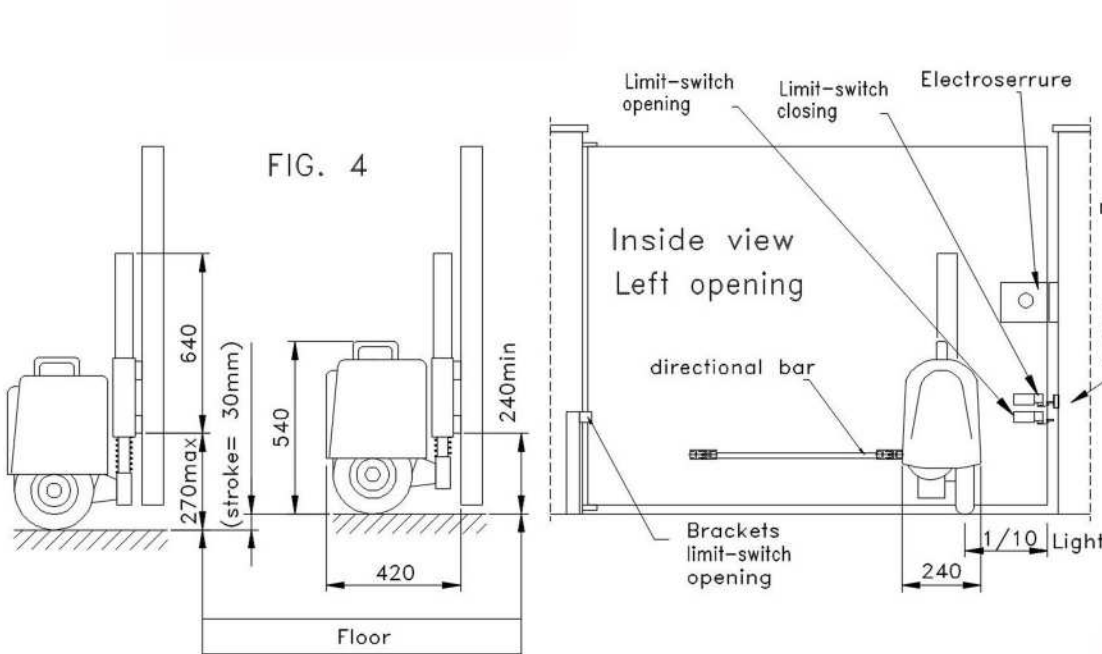
Fig.1

INSTALLATION MC300/R (tilting connection)

To fix the group it weld its on the bracket predisposed (FIG. 2) in way that the its position result about 1/10 of the light.

The position of the limit-switch (FC close and FA open) and relative brackets intervention (P-FC close and P-FA open) see in the designs 2-3-4-5 is indicative and will must be calculated of the technician in relation at the type of gate.

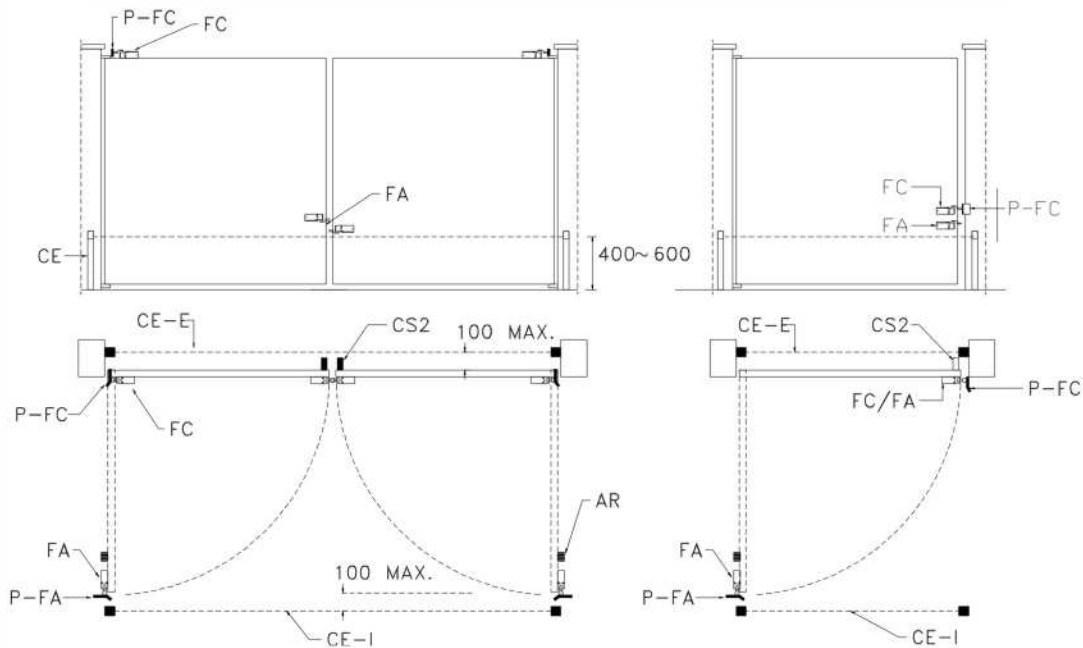




INSTALLATION MC300/RCM (telescopic system with spring)

WARNING: Respect the quotes 270 max / 240 min(stroke 30)
 Special application of the group to addition of soft at the group for a more grip at the floor. For installation of the group see instructions of the MC300/R with addition of a directional bar (FIG 4).

FIG.5 SCHEME OF INSTALLATION OF SAFETY-DEVICE



FA. FINECORS A APERTURA
 FC. FINECORS A CHIUSURA
 P-FA. PATTINO FINECORS A APERTURA
 P-FC. PATTINO FINECORS A CHIUSURA

CS2. COSTOLE PROTEZIONE
 CE-E. FOTOCELLULE ESTERNE
 CE-I. FOTOCELLULE INTERNE
 AR. ARRESTO MECCANICO

FA. LIMIT SWITCH OPEN
 FC. LIMIT SWITCH CLOSE
 P-FA. BRACKET LIMIT SWITCH OPEN
 P-FC. BRACKET LIMIT SWITCH CLOSE

CS2. SAFETY EDGES
 CE-E. PHOTOCCELL EXTERNAL
 CE-I. PHOTOCCELL INTERNAL
 AR. STOPPER

FA. FIN DE COURSE OUVERTURE
 FC. FIN DE COURSE FERMETURE
 P-FA. PATIN FIN DE COURSE OUVERTURE
 P-FC. PATIN FIN DE COURSE FERMETURE

CS2. BARRE PALPEUSE
 CE-E. PHOTOCCELLULES EXTERNES
 CE-I. PHOTOCCELLULES INTERNES
 AR. BUTEES D'ARRET