

GATE OPERATOR **MASTER**

18QR 18QRF

DC
MOTOR

Up to
1800 kg

Speed
14 m/min



P-500MASTER18QR

DC sliding gate operator with encoder, complete with electronic control unit and built-in 433,92 MHz rolling code radio receiver. Max. gate weight 1800 kg.

P-500MASTER18QRF

DC sliding gate operator with encoder, electromechanical limit switches, complete with electronic control unit and built-in 433,92 MHz rolling code radio receiver. Max. gate weight 1800 kg.



**Accessories for
MASTER series**
Page 42



Further accessories:
Transmitters page 238
Photocells page 243
Flashing lights
page 246

FEATURES:

- apartment building/commercial use
- for gates up to 1800 kg
- low voltage dc gate operator
- optical encoder technology

PROS:

- obstacle detection and crush prevention
- in accordance with en 12453 standards*
- works even during power outage thanks to the optional backup battery
- fast operating speed
- intensive use, ideal for use on apartment buildings and public entrances
- external emergency release available (P-650ESE02 optional)
- auto-learning of the gate stroke through optical encoder



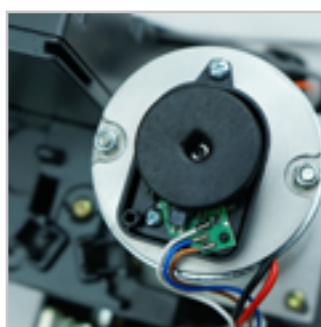
ELECTRONIC CONTROL UNIT

Protected electronic control unit built-in in the motor complete with radio receiver.



RELIABILITY

Both 12 and 24 V versions work even during power outage thanks to the optional backup battery.



OPTICAL ENCODER

Obstacle detection and anti-crushing safety ensured by the optical encoder. The encoder also manages the deceleration in the closing and opening phases and the adjustment of the gate stroke which doesn't require a limit switches.

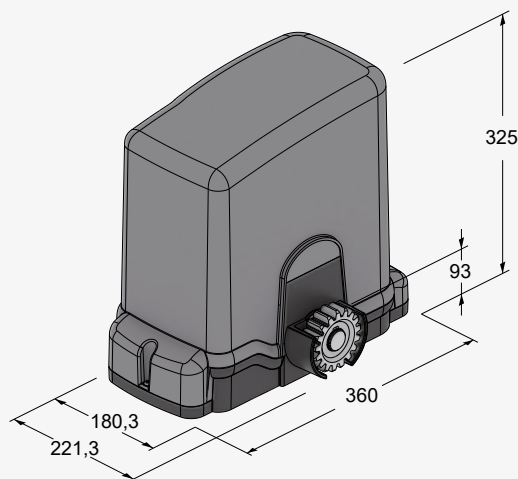


TOTAL CONNECT

By combining the P-250T-CONNECT module, it is possible to control the automation remotely by your smartphone.

TECHNICAL DRAWINGS

Technical features	MASTER18QR	MASTER18QRF
Power supply	230V AC (50 - 60 Hz)	230V AC (50 - 60 Hz)
Motor power supply	18 V DC	18 V DC
Open circuit voltage	1,6 A	1,6 A
Power rating	360 W	360 W
Max. operating speed	14 m/min	14 m/min
Duty cycle	100 %	100 %
Operating temperature	-20° C ÷ +55° C	-20° C ÷ +55° C
Motor thermal protection	-	-
Degree of protection	IP 54	IP 54
Max. gate leaf weight	1800 kg	1800 kg
Max. weight cantilever gate leaf	1260 kg	1260 kg
Pinion module	4	4
Electronic control unit	K130MA	K130MA
Electromechanical limit switches	-	✓



ACCESSORIES

COMMON ACCESSORIES



P-550CPMR
Adjustable counterplate from min. 65 mm to max 94 mm



P-550CPMR1
Adjustable counterplate from min. 124 to max 202 mm



K-550CPM
Counterplate



P-550CPM0020
Counterplate H 40 mm



P-400CFZ12
Steel rack 30x12, complete with screws (Module 4, max 2000 kg) Pack of 4 m



P-400CFZ22
Steel rack 22x22 (Module 4, max 3000 kg) 2 meter sections. Pack of 4 m



P-400FI
Adjustable hydraulic brake for sliding gates on a slope



P-400VSF20
Screws and brackets for P-400CFZ22 (40 units per pcs)



M-ING0MSTZ12 NEW
Pinion module 6



P-700BAP4
Gate stopper with spring



P-900TWM
Master receiver for central interface (manages up to max. 4 TWCs)



P-900BSD15
Deformable safety edge kit $l = 1,5$ m



P-900TWC
Battery-powered wireless slave transmitter for mobile/fixed sensitive edge (manages up to max. 2 sensitive edges per TWC)



P-900BSD20
Deformable safety edge kit $l = 2$ m



P-650ESE02
External emergency release device (flush-mounted) with tamper-proof housing and 4 m cable



P-900OPTIC
Set of infrared safety photocells, 12/24 V, surface mount, beam alignment adjustable up to 15°, up to 20 m range

P-900T-COMM
Interface for connecting 2 opposite sliding gate automation in master/slave mode (**P-500MASTER20T excluded**)



C-TARG
Aluminium CE mark label, self adhesive



P-250T-WIFI
Device for Wi-Fi connection 2,4 GHz to allow the smartphone to remotely control and program the control units via TauApp (**P-500MASTER20T excluded**)

ACCESSORIES FOR 18/24 VOLT



K-200KB4
Battery charger and backup
battery kit



P-500MASTERKITFC
Electromechanical limit
switches kit for MASTER

NEW

ACCESSORIES FOR 400 VOLT (MASTER20T)



P-600D703
230/400 V electronic control
unit for one gate operator
with electrical brake
(P-500MASTER20T)



P-900VLED-AT
230 V AC white led flashing light



P-250RXSM2
Self-learning, two-channel,
433,92 MHz plug-in radio
receiver. Accepts up to 14 rolling
code transmitters



P-750COL
Control unit mounting post

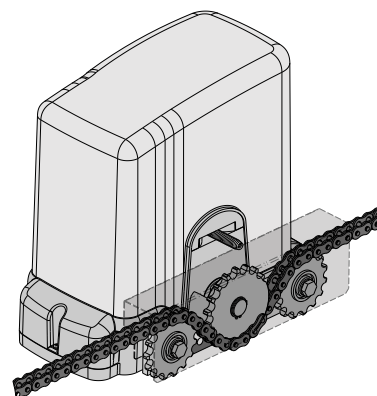
CHAIN VERSION

Upon request, the MASTER gearmotor is available with the pinion for chain transmission.

120 VOLT VERSION



Upon request, the MASTER gearmotor is also available in the 120 Volt version for foreign markets.



Use and maintenance manuals



MASTER



K130MA



K590M



D703