

12 VOLT

GATE OPERATOR MASTER

For gates up to 1800 Kg

500MASTER-R



DC sliding gate operator with encoder, complete with electronic control unit and built-in 433,92 MHz rolling code radio receiver. Speed up to 24 m/min. Maximum gate weight 1200 kg.

500MASTER18QR

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

Features:

- apartment building / commercial use
- for gates up to 1800 kg
- low voltage DC gate operator
- optical encoder technology
- built-in battery charger

Pros:

- obstacle detection and crush prevention
- in accordance with EN 12445-12453 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 (optional, P/N 650ESE02)



Technical features

	MASTER-R	MASTER18QR
Power supply	230V AC (50 - 60 Hz)	230V AC (50 - 60 Hz)
Motor power supply	24 V DC	18 V DC
Open circuit voltage	1,8 A	1,6 A
Power rating	360 W	360 W
Max. operating speed	24 m/min (opening) 14 m/min (closing)	14 m/min
Duty cycle	100 %	100 %
Max. thrust	1300 N	1500 N
Operating temperature	-20° C + +55° C	-20° C + +55° C
Motor thermal protection	-	-
Degree of protection	IP 54	IP 54
Max. gate leaf weight	1200 Kg	1800 Kg
Pinion module	Module 4	Module 4
Electronic control unit	K126MA	K126MA



Protected control board:

The electronic control unit is well protected from the outside within its plastic shell



Practical:

The manual release is easy, intuitive and protected by a personal key.



The above represented installation does not include safety devices such as safety edges. Their addition depends upon the risk assessment made on any installation in accordance with EN 12445-12453 standards.



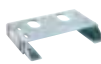
Accessories



550CPM Counterplate



200BATT 12 V back-up battery, 7,2 Ah with cable



550CPMR Adjustable counterplate



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



250SM126 Memory card for 126 radio codes **NEW**



250SM254 Memory card for 254 radio codes **NEW**



250SM1022 Memory card for 1022 radio codes **NEW**



S-500K126MA00 Replacement electronic control unit (500MASTER18QR + MASTER-R)



900TWC Wireless safety edge transmitter



900BSD20 Deformable safety edge kit l=2 m **NEW**



900TWM Wireless safety edge master receiver



400CFZ12 Steel rack 30x12, complete with screws (Module 4, max 2000 kg)



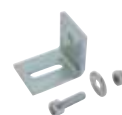
700BAP4 Gate stopper with spring



400CFZ22 Steel rack 22x22 (Module 4, max 3000 kg)



C-CRT Warning signal



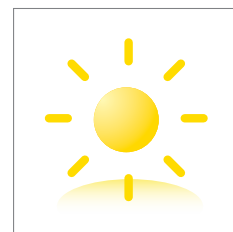
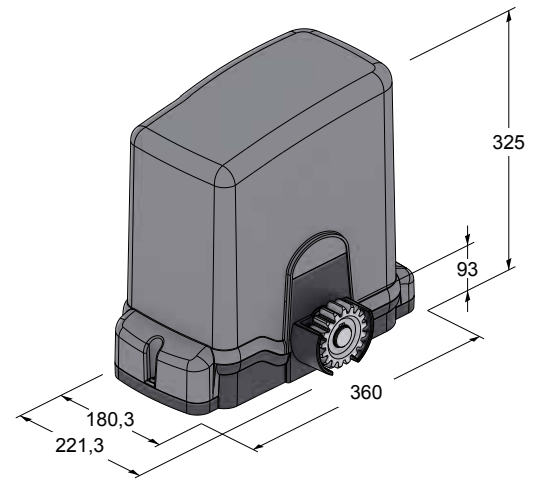
400VSF20 Screws and brackets for 400CFZ22 (40 units per pkg)



C-TARG Aluminium CE mark label, self adhesive



900T-COMM RS485 Serial Interface to connect two control units as Master/Slave. Activation through TAUPROG handheld device. (K126MA-K206MA-D749MA)



Solar power
Thanks to the Photovoltaic (PV) Technology, every low voltage DC gate operator can be solar powered. Discover the advantages of the solar energy at page 130



Further accessories:
Transmitters page 110
Photocells page 116
Flashing lights page 119

230
VOLT

GATE OPERATOR MASTER₂₀

For gates up to 2000 Kg

500MASTER20QR

230 V sliding gate operator with encoder and limit switch, complete with electronic control unit and built-in 433,92 MHz rolling code radio receiver. Maximum gate weight 2000 kg.

500MASTER20QM

230 V sliding gate operator with encoder and magnetic limit switches, complete with electronic control unit and built-in 433,92 MHz rolling code radio receiver. Maximum gate weight 2000 kg.

500MASTER20T

400 V three-phase sliding gate operator with encoder without electronic control unit. Maximum gate weight 2000 kg

Features:

- commercial use
- for gates up to 2000 kg
- 230 V (MASTER20QR/QM) and 400 V (MASTER20T) gate operators
- optical encoder technology for obstacle detection (MASTER20QR/QM only)
- electronic brake
- irreversible gate operator
- lever manual release mechanism

Pros:

- obstacle detection and crush prevention
- suitable for large sliding gates
- high torque and power thanks to the three-phase 400 Vac version (MASTER20T)
- external emergency release available (optional, P/N 650ESE02)



Technical features

	MASTER20QR/QM	MASTER20T
Power supply	230 V AC (50 - 60 Hz)	400 V AC (50 - 60 Hz)
Motor power supply	230 V AC	400 V AC
Motor Absorption	3,4 A	3,7 A
Power rating	550 W	1000 W
Speed maneuver	10,5 m/min	10,5 m/min
Duty cycle	40 %	58 %
Max. thrust	1890 N	1890 N
Operating temperature	-20° C ÷ +55° C	-20° C ÷ +55° C
Motor thermal protection	160° C	150° C
Degree of protection	IP 54	IP 54
Max. gate leaf weight	2000 kg	2000 kg
Pinion module	Module 4	Module 4
Electronic control unit	K580M	D703 (external)



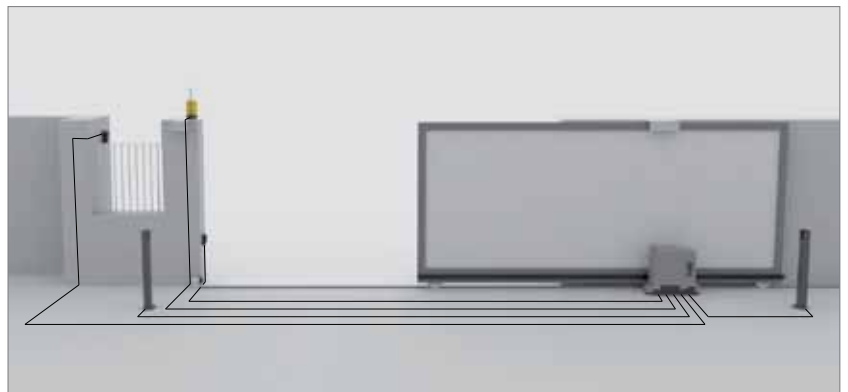
Protected control board:

The electronic control unit is well protected from the outside within its plastic shell



Practical:

The manual release is easy, intuitive and protected by a personal key.



The above represented installation does not include safety devices such as safety edges. Their addition depends upon the risk assessment made on any installation in accordance with EN 12445-12453 standards.



MADE IN ITALY



AVAILABLE

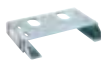
Accessories



550CPM
Counterplate



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



550CPMR
Adjustable counterplate



S-350K580M00
Replacement electronic control unit (MASTER20QR/QM)



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

NEW



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



900BSD20
Deformable safety edge kit
l=2 m

NEW



400CFZ12
Steel rack 30x12, complete with screws (Module 4, max 2000 kg)



900TWM
Wireless safety edge master receiver



400CFZ22
Steel rack 22x22 (Module 4, max 3000 kg)



900TWC
Wireless safety edge transmitter



400VSF20
Screws and brackets for 400CFZ22 (40 units per pkg)



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

NEW



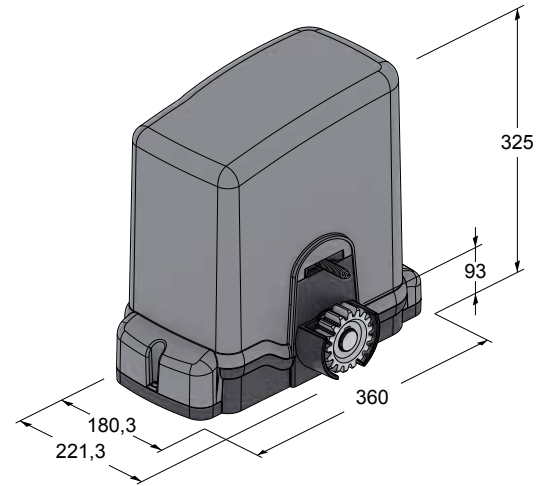
C-TARG
Aluminium CE mark label, self adhesive



700BAP4
Gate stopper with spring



C-CRT
Warning signal



Further accessories:
Transmitters page 110
Photocells page 116
Flashing lights page 119