GATE OPERATOR

For gate leaves up to 1,8 m



12 V electromechanical gate operator with encoder. Maximum gate leaf 1,8 m (foundation box to be ordered separately)

650R18BENCVEL

12 V fast electromechanical gate operator with encoder. Maximum gate leaf 1,2 m / 200 kg (foundation box to be ordered separately)

Features:

- residential use
- for gates leaves up to 1,8 m
- low voltage DC gate operator
- optical encoder technology
- electromechanical motor

Pros:

- compact size
- virtually invisible, does not affect the design of the gate
- opening up to 360° with no additional accessories
- 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



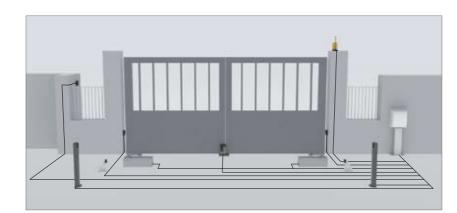
Watertight The new watertight collar diverts rain water ensuring a complete and lasting protection.



Opening up to 360° The compact R18 gate operator is ideal where space is an issue



Technical features	R18BENC	R18BENCVEL
Power supply	230 V AC (50 - 60 Hz)	230 V AC (50 - 60 Hz)
Motor power supply	18 V DC	18 V DC
Absorption	0,7 A	0,8 A
Absorbed power	14 W	15 W
Opening time 90°	13 sec.	9 sec.
Duty cycle	100 %	100 %
Max. torque	192 Nm	180 Nm
Operating temperature	-20° C ÷ +55° C	-20° C ÷ +55° C
Motor thermal protection	-	-
Degree of protection	IP 67	IP 67



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.



INSIDE04T

Complete underground automation kit for gates up to 1,8 + 1,8 m, with two 650R18BENC gate operators

Accessories included in the kit (foundation boxes to be ordered separately):



900OPTIC



750D747M



250RXDC1

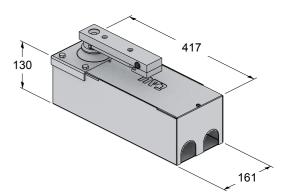


300T-KEY

aluminium + LED TSL



250ANTD









250K-SLIMRP

C-CRT

Accessories



700CFR18C Hot-dip galvanized foundation box with release system



200BATT 12 Volt Battery, 7,2 Ah



700CFR18X Stainless steel foundation box with release system



750SCB12 Battery charger (optional)



700BRC18 R18 Retrofit adapter arm



700GS5 Weatherproof cable connector for 5-core 12 V cable



750D747M Electronic control unit for one or two 12 V gate operators with encoder, complete with transformer and enclosure



650ESV1-2 Electric lock (1 = left hand opening -2 = right hand opening)

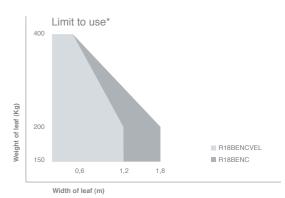


⚠ Use only M-030000CC50 cable or equivalent

M-030000CC50 Multicore cable (2 x 2.5 $sq.mm + 3 \times 0.5 sq.mm$



C-TARG Aluminium CE Mark Label, self adhesive



*They refer to leaves with openings and not totally closed panels.



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 124



Further accessories: Transmitters page 104 Photocells page 110 Flashing lights page 113

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GATE OPERATOR

For gate leaves up to 1,8 m



230 V electromechanical gate operator. Maximum gate leaf 1,8 m (foundation box to be ordered separately)



INSIDE05T

900OPTIC

250K-SLIMRP

Complete underground automation kit for gates up to 1,8 + 1,8 m, with two 650R18 gate operators

Accessories included in the kit (foundation boxes to be ordered separately):

300T-KEY

aluminium + LED TSL





750D750M

C-CRT



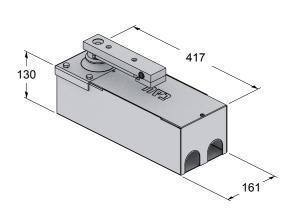


250ANTD





900LAMP3



Features:

- residential use
- for gates leaves up to 1,8 m
- 230 V gate operator
- electromechanical motor

Pros:

- compact size
- virtually invisible, does not affect the design of the gate
- opening up to 360° with no additional accessories
- manual release
- high torque and power

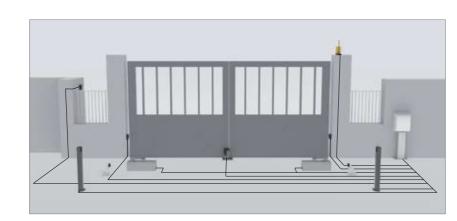


Watertight The new watertight collar diverts rain water ensuring a complete and lasting protection.



Opening up to 360° The compact R18 gate operator is ideal where space is an issue

Technical features R18 230 V AC (50 - 60 Hz) Power supply Motor power supply 230 V AC Absorption 1.3 A Absorbed power 240 W 22 sec. Opening time 90° 32 % Duty cycle Max. torque 148 Nm Operating temperature -20° C ÷ +55° C Motor thermal protection 160° C IP 67 Degree of protection



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



700CFR18C Hot-dip galvanized foundation box with release



700GS3 Weatherproof cable connector for 3-core 230 V



700CFR18X Stainless steel foundation box with release system



650ESV1-2 Electric lock (1 = left hand opening -2 =right hand opening)



R18 Retrofit adapter arm



700BAP Gate stopper for heavy leaves

Gate stopper for light leaves



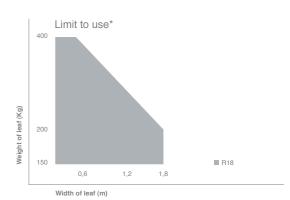
750D750M Electronic control unit for one or two 230 V gate operators with soft-stop and built-in 433,92 MHz radio receiver, complete with enclosure



S-750D752M10 Control unit enclosure protective lid



700BAP2 Gate stopper wall/floor



*They refer to leaves with openings and not totally closed panels.



Further accessories: Transmitters page 104 Photocells page 110 Flashing lights page 113

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