



P-650R40

DC electromechanical gate operator with encoder. Max. gate leaf **3,5 m/400 kg** with **cable l=2,3 m**. Foundation box and release to be **ordered separately**.

P-650R40L

DC electromechanical gate operator with encoder. Max. gate leaf **3,5 m/400 kg** with **cable l=9 m**. Foundation box and release to be **ordered separately**.



Accessories for R40 series
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Further accessories:
Transmitters Page 222
Photocells Page 228
Flashing lights
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FEATURES:

- residential/apartment building use
- for gates leaves up to 3,5 m
- low voltage DC gate operator
- optical encoder technology
- electromechanical motor
- protection degree IP67
- mechanical stops in opening and closing, as standard

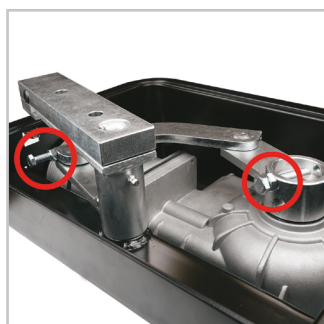
PROS:

- virtually invisible, does not affect the design of the gate
- 110° door opening, extendable up to 360° with the optional specific kit (P-700KIT360)
- obstacle detection and crush prevention
- in accordance with EN 12453 standards
- works even in case of a power cut thanks to the optional battery pack
- works even during power outage thanks to the optional backup battery
- intensive use, ideal for use on apartment buildings and public entrances
- watertight for reliable operation
- auto-learning of the gate stroke through optical encoder



WATERTIGHT

Guarantee of total and constant protection from rainwater over time thanks to the large perimeter rubber gasket.



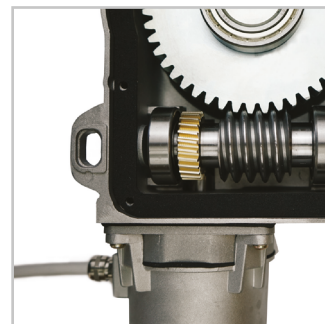
MECHANICAL STOPS

Mechanical stops in opening and closing, as standard.



MAXIMUM FLUIDITY

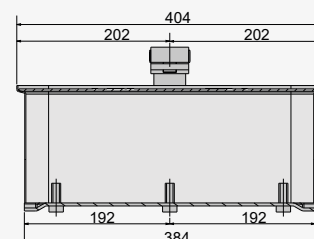
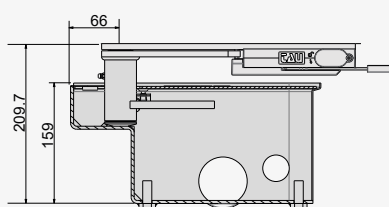
The fluidity is guaranteed by the steel sphere which, by resting on the pivot of the box, limits its friction. The external grease nipple facilitates its maintenance.



LONG-LASTING

Large main gear MOD. 3, completely in carbon steel, extremely resistant and long-lasting.

Technical features	R40/L
Power supply	230 V AC (50 - 60 Hz)
Motor power supply	18 V DC
Open circuit voltage	1,3 A
Power rating	300 W
Opening time 90°	13 s
Duty cycle	100 %
Operating temperature	-20° C ÷ +55° C
Motor thermal protection	-
Degree of protection IP	IP 67
Control unit to match	D749MA
Gearmotor weight	11,5 Kg



TECHNICAL DRAWINGS



R40/R30 KIT

WITH KEY SELECTOR

KIT composition:



UNDERGROUND GEARMOTOR



P-900VLED



CONTROL UNIT



P-900OPTIC



C-CRT



P-300TKEY + P-300TSL



P-250K-SLIMRP

MODELS IN: DC MOTOR

KIT	MODEL	MAX. GATE LEAF	MAX. WEIGHT	CABLE LENGTH	CONTROL UNIT	ENCODER
K-KITR40	P-650R40	3,5+3,5 m	400 Kg	2,3 m	P-750D749MA	●
	P-650R40L	3,5+3,5 m	400 Kg	9 m	P-750D749MA	●

* Foundation boxes and releases to be ordered separately

MODELS IN: 230 V AC

KIT	MODEL	MAX. GATE LEAF	MAX. WEIGHT	CABLE LENGTH	CONTROL UNIT	ENCODER
K-KITR30	P-650R30VELOCE	3,5+3,5 m	400 Kg	2,3 m	P-750D770M	
	P-650R30VELOCEL	3,5+3,5 m	400 Kg	9 m	P-750D770M	

* Foundation boxes and releases to be ordered separately



R40/R30 KIT

WITH TWO TRANSMITTERS

KIT composition:



UNDERGROUND GEARMOTOR



P-900VLED



P-900OPTIC



P-250K-SLIMRP



P-250K-SLIMRP



CONTROL UNIT



C-CRT

MODELS IN: DC MOTOR

KIT	MODEL	MAX. GATE LEAF	MAX. WEIGHT	CABLE LENGTH	CONTROL UNIT	ENCODER
K-KITR402	P-650R40	3,5+3,5 m	400 Kg	2,3 m	P-750D749MA	●
	P-650R40L	3,5+3,5 m	400 Kg	9 m	P-750D749MA	●

* Foundation boxes and releases to be ordered separately

MODELS IN: 230 V AC

KIT	MODEL	MAX. GATE LEAF	MAX. WEIGHT	CABLE LENGTH	CONTROL UNIT	ENCODER
K-KITR302	P-650R30VELOCE	3,5+3,5 m	400 Kg	2,3 m	P-750D770M	
	P-650R30VELOCEL	3,5+3,5 m	400 Kg	9 m	P-750D770M	

* Foundation boxes and releases to be ordered separately

ACCESSORIES

COMMON ACCESSORIES



P-700BOXCT
Cataphoresis steel foundation box.
Release not included



P-700BOXI
Stainless steel foundation box.
Release not included



P-650ESV1 / P-650ESV2
Vertical electric lock recommended
for leaves longer than 3 m (1=LEFT
- 2=RIGHT)



P-650ES1 / P-650ES2
Horizontal electric lock
recommended for leaves longer
than 3 m (1=LEFT - 2=RIGHT)



P-700BAP1
Gate stopper for light leaves



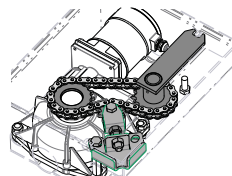
P-900VLED
Low voltage 12-18-24 V DC
white led flashing light



P-700SBDR
Release with key and DIN lock



P-700SBTR
Tri-lobed key release



P-700KIT360
360° opening kit

NEW



P-700BAP
Gate stopper for heavy leaves



P-700BAP2
Gate stopper wall/floor mount



P-650CVS
Curved manual lock

230 V AC ACCESSORIES



P-750D770M
Electronic control unit for one or two
230 V gate operators with soft-stop and
built-in 433,92 MHz rolling code radio
receiver, complete with enclosure



P-700GS3
3-core waterproof connector (IP68) for
230 V motor cables

18/24 VOLT ACCESSORIES



P-750D749MA

Electronic control unit for one or two DC gate operators with encoder, complete with 433,92 MHz rolling code radio receiver, battery charger, transformer and enclosure



P-750D749MA-R

Electronic control unit for 1-2 DC fast operators with encoder, complete with 433,92 MHz rolling code radio receiver, battery charger, transformer and enclosure



P-700GS5

5-core waterproof connector (IP68) for 12 V motor cables



K-200BATT

12 Volt Battery, 7,2 Ah with cable



K-030KITKB20

Battery cables kit (20 pcs)

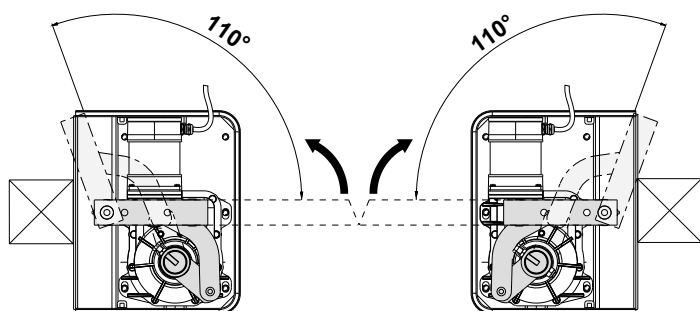


M-030000CC50

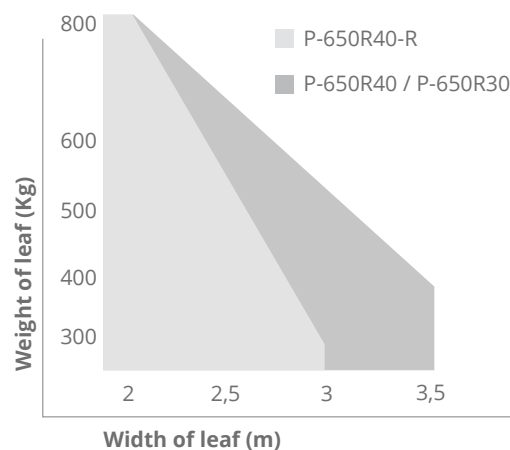
Multicore cable (2 x 2.5 sq.mm + 3 x 0.5 sq.mm)

⚠ Use only M-030000CC50 cable or equivalent

DOOR OPENING DRAWING



LIMIT TO USE*



If the leaves are closed or less than 50% open, and the gate is installed in windy areas, the indicated lengths must be reduced by 50%.

Use and maintenance manuals



R30-R40



D749MA



D749MA-R



D770M