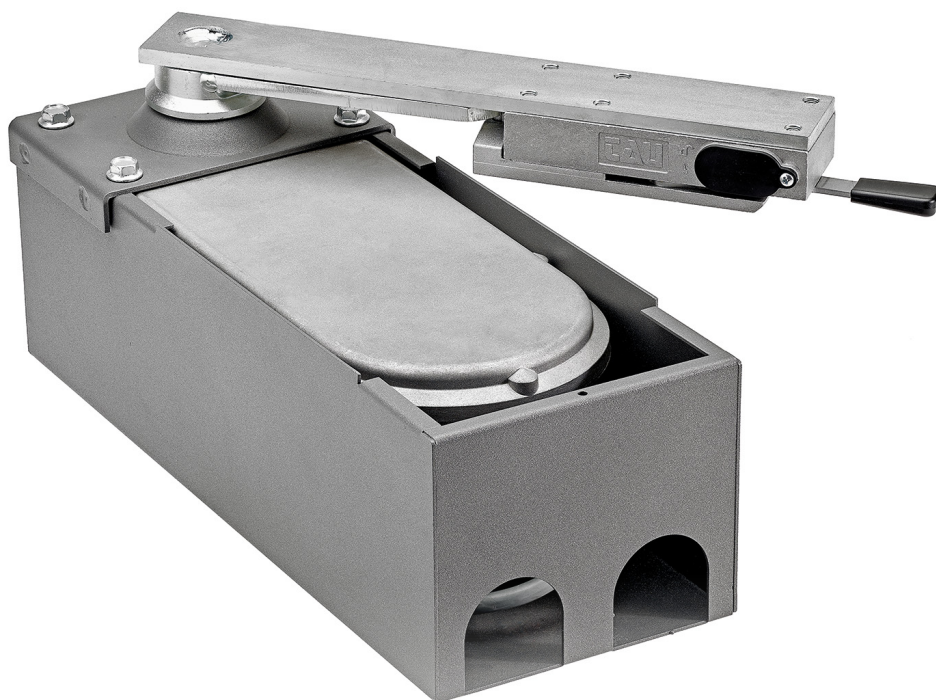


**P-650R18BENC**

DC electromechanical gate operator with encoder. Max. gate leaf 1,8 m/**200 kg** (foundation box and release to be ordered separately) **with cable l=2,3 m.**

P-650R18BENCL

DC electromechanical gate operator with encoder. Max. gate leaf 1,8 m/**200 kg** (foundation box and release to be ordered separately) **with cable l=5 m.**



Accessories for R18 series
Page 86 - 87



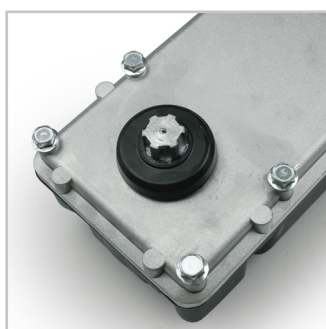
Further accessories:
Transmitters Page 222
Photocells Page 228
Flashing lights
Page 232

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 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
- auto-learning of the gate stroke through optical encoder



WATERTIGHTNESS

The new sealing rings, standard on all R18 underground motors, guarantee total and constant protection over time against rain.



OPENING UP TO 360°

The compact P-650R18 gate operator is ideal where space is an issue.



MECHANICS OF EXCELLENCE

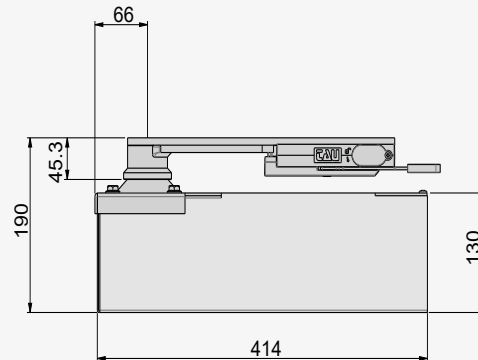
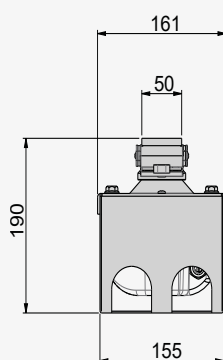
The last stage of reduction consists of a large carbon steel gear (MOD.3) coupled with a metal worm screw which safeguards its integrity in the event of a collision.



NO JUNCTIONS

The 2,3 or 5 meter cable allows to connect directly to the control unit without making junctions in the cable wells (one of the main causes of water infiltration).

Technical features	R18BENC/L
Power supply	230 V AC (50 - 60 Hz)
Motor power supply	18 V DC
Open circuit voltage	0,7 A
Power rating	120 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	6,9 Kg



TECHNICAL DRAWINGS



R18 KIT

WITH KEY SELECTOR

KIT composition:



P-900VLED



P-900OPTIC



P-300TKEY + P-300TSL



P-250K-SLIMRP



UNDERGROUND GEARMOTOR



CONTROL UNIT



C-CRT

MODELS IN: DC MOTOR

KIT	MODEL	MAX. GATE LEAF	MAX. WEIGHT	CABLE LENGTH	CONTROL UNIT	ENCODER
K-INSIDEKITBL	P-650R18BENC	1,8+1,8 m	200 Kg	2,3 m	P-750D749MA	●
	P-650R18BENCL	1,8+1,8 m	200 Kg	5 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-INSIDEKITL	P-650R18	1,8+1,8 m	200 Kg	2,3 m	P-750D770M	
	P-650R18L	1,8+1,8 m	200 Kg	5 m	P-750D770M	

* Foundation boxes and releases to be ordered separately



R18 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-INSIDEKITBL2	P-650R18BENC	1,8+1,8 m	200 Kg	2,3 m	P-750D749MA	●
	P-650R18BENCL	1,8+1,8 m	200 Kg	5 m	P-750D749MA	●

* Foundation boxes and releases to be ordered separately

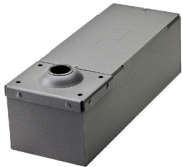
MODELS IN: 230 V AC

KIT	MODEL	MAX. GATE LEAF	MAX. WEIGHT	CABLE LENGTH	CONTROL UNIT	ENCODER
K-INSIDEKITL2	P-650R18	1,8+1,8 m	200 Kg	2,3 m	P-750D770M	
	P-650R18L	1,8+1,8 m	200 Kg	5 m	P-750D770M	

* Foundation boxes and releases to be ordered separately

ACCESSORIES

COMMON ACCESSORIES



P-700BOXR18CT
Cataphoresis steel foundation box.
Release not included



P-700BOXR18I
Stainless steel foundation box. Release
not included



P-700SBDR
Release with key and DIN lock



P-700SBTR
Tri-lobed key release



P-650KITFCR18
Mechanical closing limit switch for all
R18 operators. (2 pcs - 1 limit switch
per gearmotor)



P-700BRCDR
Off-axis mounting arm complete with release
device with key and DIN lock

P-700BRCTR
Off-axis mounting arm complete with trilobal
key release device



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-700BAP
Gate stopper for heavy leaves



P-750CUP
Control unit enclosure protective lid



P-700BAP1
Gate stopper for light leaves



P-650CVS
Curved manual lock



P-700BAP2
Gate stopper wall/floor mount



P-250T-CONNECT
Ethernet + Wi-Fi device - to enable
through Tau Open 2.0 application, the
use of the smartphone remotely, to open/
close and check the status of the gate



P-700GS5
5-core waterproof connector (IP 68) for
motor cables



P-250BLUEWAY
Multi-function interface connecting TAU
control units to a smartphone or PC via
Bluetooth, enabling the configuration and
management of control units and radio
memories through TauApp 2.0

NEW



P-900TOWERF
Painted aluminum column for photocells
with 1 hole h49 cm



P-750COL
Control unit mounting post

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



K-200BATT

12 Volt Battery, 7,2 Ah with cable



M-030000CC50

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



Use only M-030000CC50 cable or equivalent



K-030KITKB20

Battery cables kit (20 pcs)

230 V AC ACCESSORIES

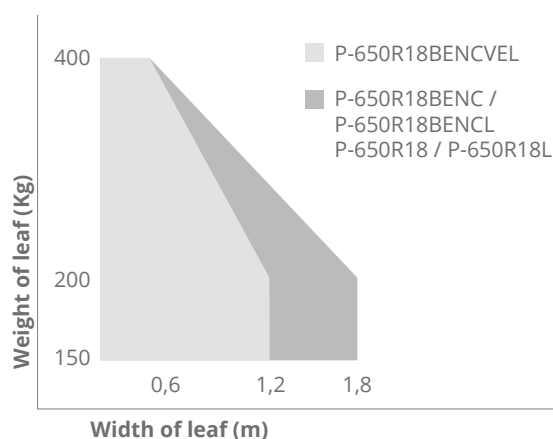


P-750D770M

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

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



R18



D749MA



D770M