UNDER



UNDERGROUND ELECTROMECHANICAL GEAR MOTOR FOR SWING GATES

KEY AUTOMATION

UNDER

UP TO 3,5 M, 24 VDC AND 230 VAC

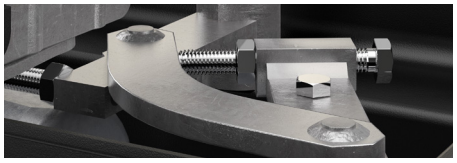


Bronze and tempered steel internal gears for maximum reliability

High precision mechanical stops

Internal and external unlock with special metal key

UNDER FAST LINE



+ FAST LINE Ideal for pedestrian gates: 90° opening rate in 10 seconds (slow down phase excluded)

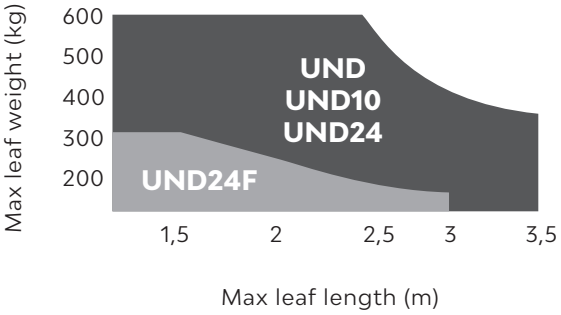
MODELS

CODE	DESCRIPTION	PCS PALLET
UND	For swing gates with maximum length 3,5 m, 230 Vac motor, with opening and closing mechanical stops. Cable length 1.5 m	18
UND10	For swing gates with maximum length 3,5 m, 230 Vac motor, with opening and closing mechanical stops. Cable length 10 m	10
UND24	For swing gates with maximum length 3,5 m, 24 Vdc motor, without encoder, with opening and closing mechanical stops	18
UND24F NEW	For pedestrian entrances with swing gates with a maximum length of 3 m, 24 Vdc motor with encoder and with opening and closing limit switches	36
UND24E	For swing gates with maximum length 3,5 m, 24 Vdc motor, with encoder, with opening and closing mechanical stops	18

TECHNICAL DATA

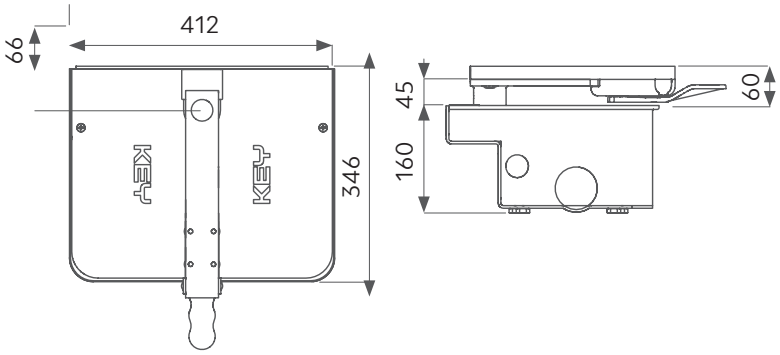
		UND	UND10	UND24	UND24F
MECHANICAL DATA					
torque	Nm	300	300	250	130
working cycle	%	30	30	80	50
opening time at 90°	sec	20	20	18-25	10-15
ELECTRICAL DATA					
control board		CT202	CT202	14AB2	14AB2F
power	Vac	230	230	-	-
	Vdc	-	-	24	24
consumption	A	1	1	5	5
absorbed power	W	230	230	120	120
capacitor	µF	10	10	-	-
thermoprotection	°C	150	150	-	-
GENERIC DATA					
protection degree	IP	67	67	67	67
dimensions (L - D - H)	mm	412 - 160 - 346			
weight	kg cad	11,4	12,4	10,1	10,1
working temperature	°C	-20 + 55	-20 + 55	-20 + 55	-20 + 55
leaves maximum weight	Kg	600	600	600	300

LIMIT USE



Gate shape and height and weather conditions can considerably reduce the values shown above, in the graph. 230 Vac motors are suggested for windy areas.

DIMENSIONS

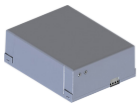


ACCESSORIES



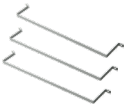
ELS-C
12 V horizontal electric lock.
Up to 2000 Kg

PC 1



KBP
Kit of 1.3 Ah lead battery and battery charger

PC 1



KITFIXBATT
Fixing brackets for batteries 24 V

PC 1



CF3 *
Cataphoresis housing box with galvanised cover and unlock lever SB3

PC 1



CI3 *
Stainless steel housing box, with unlock lever SB3

PC 1



CF3SB *
Cataphoresis housing box, without connecting levers

PC 1



ADUN
Fixing kit for other producers' boxes

PC 1



SB3
Unlock lever with key

PC 1



OP100
Kit for over 100°opening.
Leaf length max 3000 mm

PC 1



550CABL045A00 *
Special cable for Eclipse flash light RG174 50 Ohm + 4 × 0,50 mm² (100m)

PC 1



14AB2F
Control unit in box for two 24 Vdc motors (only UND24F)

PC 1



CT20324
Control unit 2 motors, 24 Vdc in box (only UND24)

PC 1



CT202
Control unit in box for two 230 Vac motors

PC 1



14AB2
Control unit in box for two 24 Vdc motors

PC 1



RX4K
4-channel plug-in receiver, 433MHz, for CT202 control unit

PC 1



DYL
Programming module
Cable length
120 cm (only 14A board)

PC 1



KUBEPRO
Wireless programming module

PC 1



KUBE
Wireless controlling module for end user

PC 1

* 36 pcs pallet