

UNDER



UNDERGROUND
ELECTROMECHANICAL GEAR
MOTOR FOR SWING GATES

KEY
AUTOMATION



Bronze and tempered steel internal gears for maximum reliability

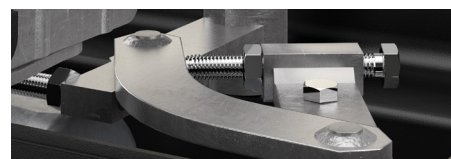
High precision mechanical stops

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)



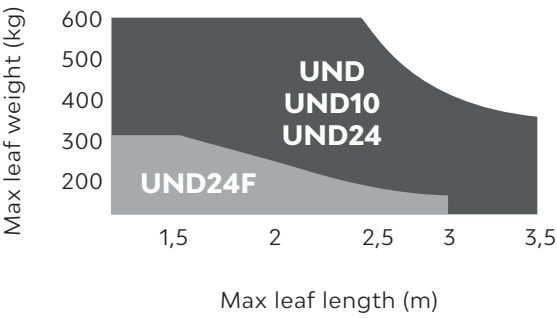
MODELS

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 	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

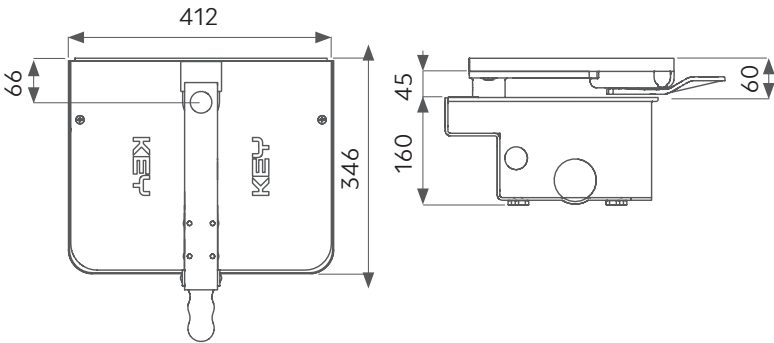
		UND	UND10	UND24	UND24F
MECHANICAL DATA					
torque	Nm	300	300	250	130
working cycle	%	30	30	80	50
opening time at 90°	sec	20	20	18-25	10-15
ELECTRICAL DATA					
control board		CT202	CT202	14AB2	14AB2F 
power	Vac	230	230	-	-
	Vdc	-	-	24	24
consumption	A	1	1	5	5
absorbed power	W	230	230	120	120
capacitor	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

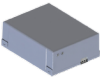


Gate shape and height and weather conditions can considerably reduce the values shown above, in the graph. 230 Vac motors are suggested for windy areas.

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 x 0,50 mm ² (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