

NEW

# RAY

ELECTROMECHANICAL GEAR MOTOR FOR SWING GATES WITH LEAVES UP TO 4 m, 24 Vdc AND 230 Vac



## PLUS



Built in LED light in the frontal part of motor body, to light up gate entrance and define width of the passage at night

High technological materials resistant to weather conditions

UV-resistant plastic covers

Extremely silent mechanics, protected by robust die-casted and powder-coated aluminum body

Aligned front and rear mounting brackets to ease motors installation

Manual unlock possible with Sub transmitter. Easy and user friendly



Built-in LED light mask



Possibility to unlock motor with transmitter



Brackets in line



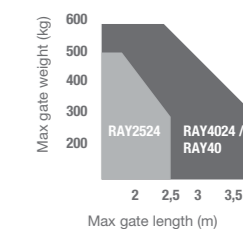
Stylish design screwless at sight

## MODELS

CODE	DESCRIPTION	PCS PALLET
RAY2524	For swing gates with maximum length 2,5 m and weight 250 kg, 24 Vdc motor (1 pc)	25
RAY4024	For swing gates with maximum length 4 m and weight 300 kg, 24 Vdc motor (1 pc)	25
RAY4024E	For swing gates with maximum length 4 m and weight 300 kg, 24 Vdc motor with encoder (1 pc)	25
RAY40	For swing gates with maximum length 4 m and weight 300 kg, 230 Vac motor (1 pc)	25

TECHNICAL DATA	RAY2524	RAY4024	RAY4024E	RAY40	
<b>MECHANICAL DATA</b>					
speed	cm/s	2,6	1,5	1,5	1,6
pulling force	N	1500	2000	2000	2000
working cycle	%	80	80	80	40
opening time at 90°	sec	adjustable	adjustable	adjustable	25
<b>ELECTRICAL DATA</b>					
control board		14AB	14AB2	14AB2	CT202
power	Vac (Vdc)	(24)	(24)	(24)	230
motor consumption	A	3,5	5	5	1,2
absorbed power	W	85	120	120	280
capacitor	µF	-	-	-	8
thermoprotection	°C	-	-	-	150
integrated lights		yes	yes	yes	-
<b>GENERIC DATA</b>					
protection degree	IP	44	44	44	44
dimensions (L - P - H)	mm	844 - 100 - 104	844 - 100 - 104	844 - 100 - 104	844 - 100 - 104
weight	kg cad	6	8	8	8
working temperature	°C	-20 + 55	-20 + 55	-20 + 55	-20 + 55
leaves maximum weight	Kg	500	600	600	600

## 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

## ACCESSORIES



**ADFB**  
Pair of adjustable front mounting brackets (only RAY2524)

PCS 2



**ADRB**  
Pair of adjustable rear mounting brackets (only RAY2524)

PCS 2



**FCRAY**  
Pair of mechanical stops in closing

PCS 2



**ELS-C**  
Horizontal 12 V electrolock

PC 1



**KBP**  
Battery back-up kit for 14A control unit

PC 1



**KITFIXBATT**  
Fixing batteries brackets

PCS 2



**999LED**  
Pair of led lights cold white (for 24 Vdc)

PCS 2



**KC**  
Unlock key cilinder

PC 1



**EXRB**  
Extensions bracket for outside opening

PC 1



**TS**  
Warning board

PC 1

# RAY KIT



RAY2524 (2 pcs)  
RAY4024 (2 pcs)  
RAY40 (2 pcs)

## PLUS

Easy slowdown and open limit settings

New water resistant SUB remote control included

Mechanical parts well protected from external agents

Night Light System with LED light included (24 Vdc version)

Opening mechanical stop included for proper gate installation and use

14A control unit (24 Vdc version)

RAY KIT 24 Vdc		
CODE	DESCRIPTION	PCS PALLET
KRAY2524ER	Kit for swing gates with leaves up to 2,5 m, 24 Vdc motor, control unit with slowdown and opening mechanic limit switch. With night light function included	15
KRAY2524KR	Kit for swing gates with leaves up to 2,5 m, 24 Vdc motor, control unit with slowdown and opening mechanic limit switch	15
KRAY4024ER	Kit for swing gates with leaves up to 4 m, 24 Vdc motor, control unit with slowdown and opening mechanic limit switch. With night light function included	15
KRAY4024KR	Kit for swing gates with leaves up to 4 m, 24 Vdc motor, control unit with slowdown and opening mechanic limit switch	15

RAY KIT 230 Vac		
CODE	DESCRIPTION	PCS PALLET
KRAY42ER	Kit for swing gates with leaves up to 4 m, 230 Vac motor, control unit with slowdown and opening mechanic limit switch	15
KRAY42KR	Kit for swing gates with leaves up to 4 m, 230 Vac motor, control unit with slowdown and opening mechanic limit switch	15

## 24 Vdc KIT COMPONENTS



14A (1 pc)



ECLIPSE (1 pc)



RX4X (1 pc)



FT32 (1 pc)



SUB-44WR (1 pc)



SUB-44R (1 pc)



TS (1 pc)

KRAY2524ER	● 14AB	●	●	●	●	●
KRAY2524KR	● 14AB		●			●
KRAY4024ER	● 14AB2	●	●	●	●	●
KRAY4024KR	● 14AB2		●			●

## 230 Vac KIT COMPONENTS



CT202 (1 pc)



LUMY-230E (1 pc)



RX4X (1 pc)



FT32 (1 pc)



SUB-44WR (1 pc)



SUB-44R (1 pc)



TS (1 pc)

KRAY42ER	●	●	●	●	●	●
KRAY42KR	●		●			●

## ACCESSORIES



**ADFB**  
Pair of adjustable front mounting brackets (only RAY2524)

PCS 2



**ADRB**  
Pair of adjustable rear mounting brackets (only RAY2524)

PCS 2



**FCRAY**  
Pair of mechanical stops in closing

PCS 2



**ELS-C**  
Horizontal 12 V electrolock

PC 1



**KBP**  
Battery back-up kit for 14A control unit

PC 1



**KITFIXBATT**  
Fixing batteries brackets

PCS 2



**999LED**  
Pair of led lights cold white (for 24 Vdc)

PCS 2



**KC**  
Unlock key cylinder

PC 1



**EXRB**  
Extensions bracket for outside opening

PC 1



**SEL-M**  
Key selector, metal front, plastic back

PC 1



**SEL-EU**  
Key selector with European cylinder, metal front and back

PC 1



**TS**  
Warning board

PC 1