

Spindle actuator for opening and closing top-hung and louver windows, solar shading blades and domes



IP44

3 year

AVAILABLE COLOURS

■ Grey RAL 7035

Openings



Description for bill of materials

Comunello electrical actuator Raywin, with stiff-spindle transmission. Operation at 230V 50 Hz or 24Vdc. Opening electronic limit switch and closing through current-limitation function. Up to 10 different strokes, adjustable via dip switch, also when motor is powered off. Aluminium casing with anodized or painted finish. Can be operated in parallel. Conforming to Directives 2006/95/EC and 2004/108/EC (version at 24Vdc conforming to Directive 2004/108/EC).



W-NET is an innovative data transmission system for the coordination of several actuators (2 to 4) on one window, without an external control unit (Raywin R60).



Remote control option for the versions with W-BUS technology.

Technical characteristics

ARTICLE	R20 basic	R45 basic	R60 basic	R60 Regulator
Voltage	230V / 24V	230V / 24V	230V / 24V	230V / 24V
Power consumption	17W / 11W	29W / 41W	41W / 41W	41W / 41W
Max. absorption.	0.13 A / 0.7 A	0.23 A / 1.2 A	0.33 A / 1.7 A	0.33 A / 1.7 A
Max. thrust	200 N	450 N	600 N	600 N
Operation	S2 - 4 min	S2 - 4 min	S2 - 4 min	S2 - 4 min
Protection degree (IP)	IP44	IP44	IP44	IP44
Working temperature	-5°C / +50°C	-5°C / +50°C	-5°C / +50°C	-5°C / +50°C
Can be operated in parallel	Max. 30 actuators	Max. 30 actuators	Max. 30 actuators	Max. 30 actuators
W-NET	-	-	2W-NET, 3W-NET, 4W-NET	-
Stroke	105-180-300 mm	70-160-200 mm 235-300 mm 400 mm	180-225-300 mm 500 mm	0-300 mm 0-500 mm
Speed	18 mm/sec	18 mm/sec	10 mm/sec	10 mm/sec
Weight	1,22 Kg	1,90 Kg 1,90 Kg 2,30 Kg	1,90 Kg 2,30 Kg	1,90 Kg 2,30 Kg

RAYWIN

SIMPLE



Adjustable fixing bracket on the device track for easy assembly.

RELIABLE



The actuator oscillates on support brackets and accompanies the movement of the window

ADJUSTABLE



Up to 10 adjustable strokes by dip switch, also when motor is powered off. The Regulator model is equipped with millimetric adjustment.

LIMIT STOPS



Closing limit switches with current limitation function: guarantee of safe and perfect closing over time

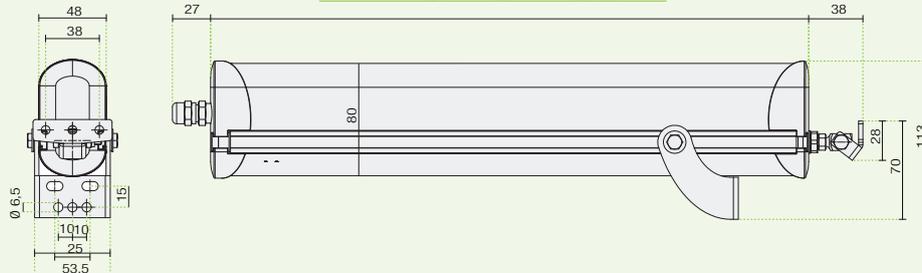
SAFE



Obstacle detection and soft start and stop system for greater safety and precision.

Sizes

R20	corsa / strokes : 105 180 300 mm
	L : 420 mm
R45	corsa / strokes : 70 160 200 235 300 400 mm
	L : 420 520 mm
R60	corsa / strokes : 0 180 255 300 500 mm
	L : 420 620 mm



The box contains an actuator with 1.5 m power cord, adjustment screws, anchoring and fixing brackets for outward windows and domes and multi-language instructions.

Main accessories

SUPPORT BRACKETS

FIXING BRACKETS



RAIN SENSOR



RAIN/SUN SENSOR

WIND SENSOR



WIND/SUN SENSOR



CONTROL UNIT - 1 MOTOR OUTPUT WITH OR WITHOUT BUILT-IN RECEIVER



R-CONTROL Remote control with 1 (R1) or 6 channels (R6)



Available in 6 colours