

# Eolis

## Sensor RTS

WIND SENSOR · RTS TECHNOLOGY

AUTOMATIC WIND PROTECTION FOR EXTERNAL VENETIANS

Automatically retracts Evaya external venetian blinds — ev80 and ev93D — when wind speed exceeds your set threshold. Wired RTS sensor for permanent exterior installation.



MOTOR & CONTROL TECHNOLOGY BY



GREY FINISH · IP 34 OUTDOOR RATED



Wired installation — mains powered (230V~)

**300m**  
RADIO RANGE

**10–50**  
KM/H RANGE

**RTS**  
PROTOCOL



Approx. 236 × 160 mm

**IP 34**

Outdoor Rated  
UV-Proof ABS  
230V~ Mains

POWERED BY



**ITEM NUMBER**

PRODUCT	FINISH	ITEM NO.
Eolis Sensor RTS	Grey	<b>154224A</b>

**KEY FEATURES**

**Adjustable Wind Threshold**

Dial sets protection level from 10 to 50 km/h — tune to your specific location and exposure.

**Automatic Retraction**

Sends an UP command to Evaya external venetian blinds within 2 seconds of threshold being exceeded.

**RTS Radio Technology**

Wireless 433.42 MHz signal pairs directly with Somfy RTS motors — no wiring to the blinds required.

**Outdoor Rated IP 34**

UV-proof ABS housing rated IP 34 and -20°C to +50°C — built for permanent exterior installation.

**SENSOR CONTROLS**

**WIND THRESHOLD DIAL**

- Adjustable potentiometer — 10 to 50 km/h
- Turn clockwise to minimum = Demo mode
- Demo mode sets threshold to 10 km/h
- Allows fast installation testing
- Normal mode: 30 sec reset after wind drops
- Demo mode: 15 sec reset after wind drops

**PROGRAMMING & PAIRING**

- Prog button — pairs sensor with RTS motor
- Press briefly to record or delete sensor
- Press 7+ sec to erase all & record new
- Up to 3 sensors per motor supported
- One sensor can pair with multiple motors
- Motor must be in learning mode to pair

**COMPATIBLE EVAYA PRODUCTS**

ev80 External Venetian · ev93D External Venetian

**TECHNICAL DATA**

SPECIFICATION	VALUE
Dimensions	236 × 160 mm (approx.)
Radio Frequency	433.42 MHz ±100kHz
Radio Range	300 m (free field)
Protocol	RTS (Somfy)
Power Supply	230 V~ (207–253 V~), 50–60 Hz
Protection Index	IP 34
Housing Material	ABS (UV proof)
Colour	Grey
Wind Threshold	10 to 50 km/h (adjustable)
Response Time	2 seconds after threshold exceeded
Temperature (Work)	-20°C to +50°C
Temperature (Store)	-30°C to +50°C
Connectors	2 terminals (screws)

■ **Electrical Safety:** Mains powered (230V~). Installation must be performed by a qualified electrician.