

## Tilt & Lift 25 Zigbee

WireFree Zigbee

The smart, wirefree dual shaft motor, specifically designed to tilt and lift small and medium interior venetian, roman and pleated applications.



### PRODUCTS MAIN FUNCTIONALITIES



#### Zigbee 3.0

Bi-directional feedback through TaHoma by Somfy app



Re-chargeable external battery pack



#### Adjustable tilting and lifting speed

in increments of 1rpm with TaHoma pro app



Designed for whisper quiet operation



Soft-start and soft-stop



Simple, quick and error-free commissioning through TaHoma pro app



'my' favourite position



#### USB-C fast charge

Charges external battery in 1h 40min using the Somfy charger



Solar charging options



Openness of the Zigbee protocol



Battery level and position feedback



Compatible with TaHoma switch



Magnetic charging option



Direct power option

## COMPATIBLE END PRODUCTS



Sheer  
Blinds



Roman  
Blinds



Pleated &  
Cellular



Zebra  
Blinds



Venetian  
Blinds

Tilt & Lift 25 Zigbee

WireFree Zigbee

## BENEFITS FOR PROFESSIONALS

### Easy Installation:

- Suitable for headrails of at least 25 x 25mm with standard CTS25 accessories.
- No electrician required — powered either through an external rechargeable li-ion battery or a direct 12V DC power supply.
- Adjustable tilting and lifting speed in increments of 1rpm through the TaHoma pro application.

### Easy programming and adjustment with TaHoma® pro:

- Installation and programming done directly from the app: including intuitive step-by-step programming instructions.
- Dedicated after sales and remote maintenance tool, Serv-e-Go<sup>1</sup>.

### Reliability:

- Highly secure protocol
- Somfy Quality and Warranty

## TECHNICAL DATA

Voltage Supply	12V DC
Index Protection Rating	IP20 (for indoor use only)
Limit Switch Type	Electronic
Temperature Working Range	0°C to 60°C
Temperature Storage Range	-20°C to 60°C
Insulation Class	Class III
Antenna	12 cm wire length. Must not be cut or lengthened. For greatest RF range, it must not be exposed and should not come in to contact with metal surfaces. RF wire may need to be repositioned for optimal performance. Keep out of the rail/tube/headrail/ cassette. Must not be coiled.

## BENEFITS FOR END USERS

### Robust and easy:

- Bi-directional feedback (know the motors position and battery level) anytime, anywhere.
- No wiring; no electrician required.
- Optional constant, direct power option using 12V DC

### Convenient and smart:

- Precise tilting control with Ysia 5 Variation [1871281]<sup>2</sup>. Designed for silence, seamless operation.
- Precision percentage blind control with TaHoma switch.
- USB-C Fast charge for optimised charging experience.
- Magnetic Charging accessories available<sup>2</sup>.
- Compatible with the Zigbee WireFree Solar Panel<sup>1</sup>.
- Compatible with TaHoma switch, Apple HomeKit and other Zigbee 3.0 devices thanks to TaHoma switch.

## PERFORMANCE

Nominal Torque	0.8Nm
Nominal Speed	Lifting: 30 rpm Tilting: 18 rpm
Adjustable Speed	Lifting: 18 – 30 rpm Tilting: 10 – 20 rpm (increments of 1rpm using TaHoma pro app)
Sound Level	46 dBA (at nominal speed)
Radio Protocol	Zigbee 3.0/Bluetooth 4.2 (with TaHoma Pro)
Radio Range	7m [in room; extendable with Zigbee repeaters]
Radio Frequency	2.4 GHz
Direct Power Option	9028893 – 12V AC/DC Power Supply <sup>2</sup>
External Battery Option	9028930 – External Li-ion Battery Pack <sup>2</sup>
Battery Lifetime	10 months <sup>3</sup> (external battery pack)
Low Battery Indicator	LED on external battery pack
Charging Time	1hr 45m (with 9028922)
Motor Item Number	1241674

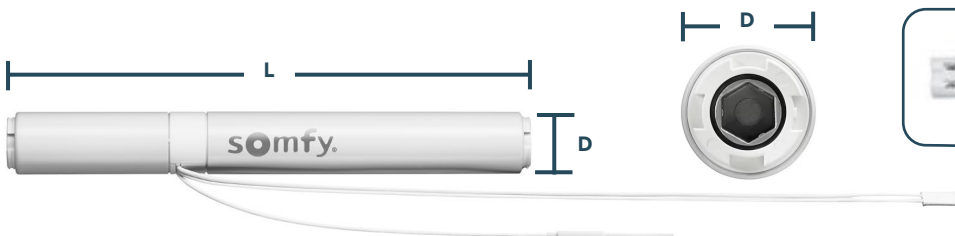
<sup>1</sup>Available Semester 2, 2024

<sup>2</sup>Ysia 5 Variation and power options, including direct power, external battery and chargers, all sold separately.

<sup>3</sup>10 months with one cycle (up and down) per day. For optimal performance, please refer to Abacus or BSM Tool.

## MOTOR DIMENSIONS

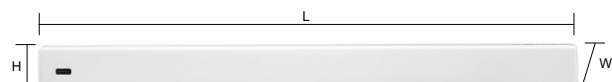
<b>Motor Length (L)</b>	197mm without accessories [207mm with accessories]
<b>Head diameter Ø (D)</b>	40mm
<b>Min Headrail Size</b>	25 x 25mm with standard CTS2 Somfy Accessories



## MOTOR CABLE TYPE:



## BATTERY PACK DIMENSIONS



<b>Battery Length (L)</b>	300mm
<b>Battery Width (W)</b>	23mm
<b>Battery Height (H)</b>	25mm
<b>Battery Mounting</b>	Adhesive strip, mounting clips and screws

## WIREFREE ELECTRONICS AND ACCESSORIES (each product sold separately)

### Power Supply, Charging and Electronics:

<b>9028893</b>	12V AC/DC Power Supply for WireFree Range (RTS & Zigbee)	Direct Fixed power option
<b>9028930</b>	External Li-ion Battery Pack	
<b>9028922</b>	Zigbee Li-ion USB C Charger	
<b>9028564</b>	Magnetic Adaptor for Zigbee USB C Charger	
<b>9028563</b>	Magnetic Rigid Cable for Zigbee USB C Charger	
<b>9028565</b>	USB C Zigbee 20cm Charging Extension Cable	
<b>9029114</b>	WireFree Li-ion Zigbee Solar Panel (available from Semester 2, 2024)	External Battery pack power option

### Accessories available:

BEARINGS:	SHAFT ADAPTERS:
<b>9162175</b> BEARING CTS25 VERSARAIL EASY UP	<b>9163251</b> SHAFT ADAPTER HEXAGONAL 5mm
<b>9162176</b> BEARING CTS 25 HD ULTIMATE	<b>9163253</b> SHAFT ADAPTER SQUARE 5mm
<b>9162139</b> BEARING CTS 25 FABER MINIMATIC / SOFTLINE	<b>9163252</b> SHAFT ADAPTER HEXAGONAL 6mm
HEADRAIL ADAPTERS:	<b>9163254</b> LONG SHAFT ADAPTER HEXAGONAL 5mm
<b>9163260</b> HEADRAIL ADAPTER HD ULTIMATE	<b>9163256</b> LONG SHAFT ADAPTER SQUARE 5mm
<b>9163261</b> HEADRAIL ADAPTER FABER MINIMATIC	<b>9163255</b> LONG SHAFT ADAPTER HEXAGONAL 6mm
<b>9163262</b> HEADRAIL ADAPTER FABER SOFTLINE	CONES & CONE COVERS:
<b>9163332</b> HEADRAIL ADAPTER B.I.G	<b>1781003</b> SHORT CONE HEXAGONAL 5
<b>9163268</b> HEADRAIL ADAPTER VEROSOL PLEATED	<b>1781002</b> SHORT CONE HEXAGONAL 6
RINGS & LADDER GRIP:	<b>1781000</b> SHORT COVER CTS
<b>9162257</b> STOP RING 6mm HEX/5mm SQUARE SHAFT	<b>9162137</b> CONE 25/35 - HEXA 6mm
<b>9163292</b> LADDER GRIP - LADDER BRAID LOOP	<b>9162138</b> CONE 25/35 SQUARE 5mm
<b>9162141</b> RING 25/35 HEXAGONAL 5mm	<b>9162140</b> COVER CTS 25/35
<b>9162142</b> RING 25/35 HEXAGONAL 6mm	
<b>9162143</b> RING 25/35 SQUARE 5mm	