

# MOTORISED 50MM WOODEN VENETIAN BLINDS

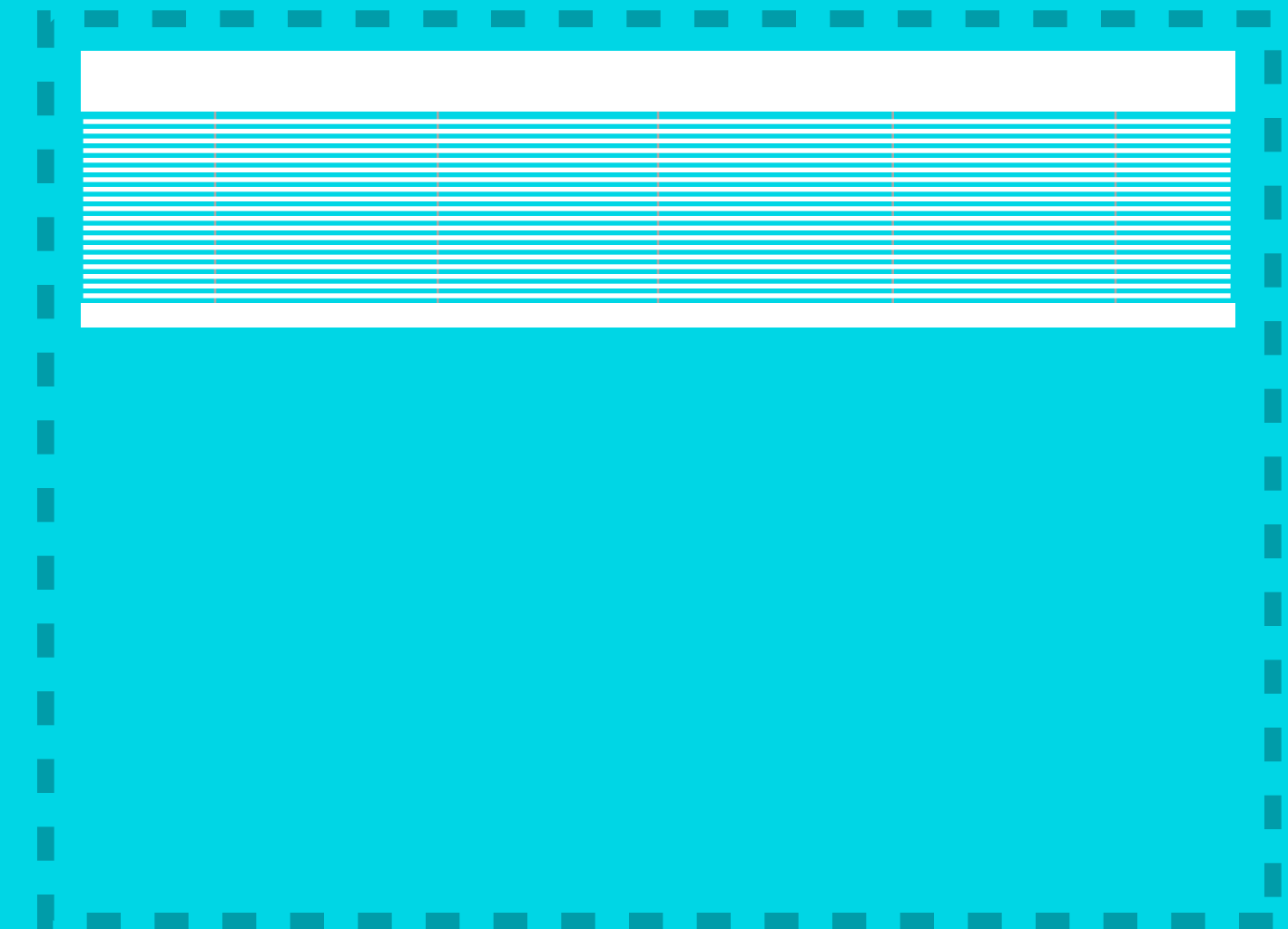
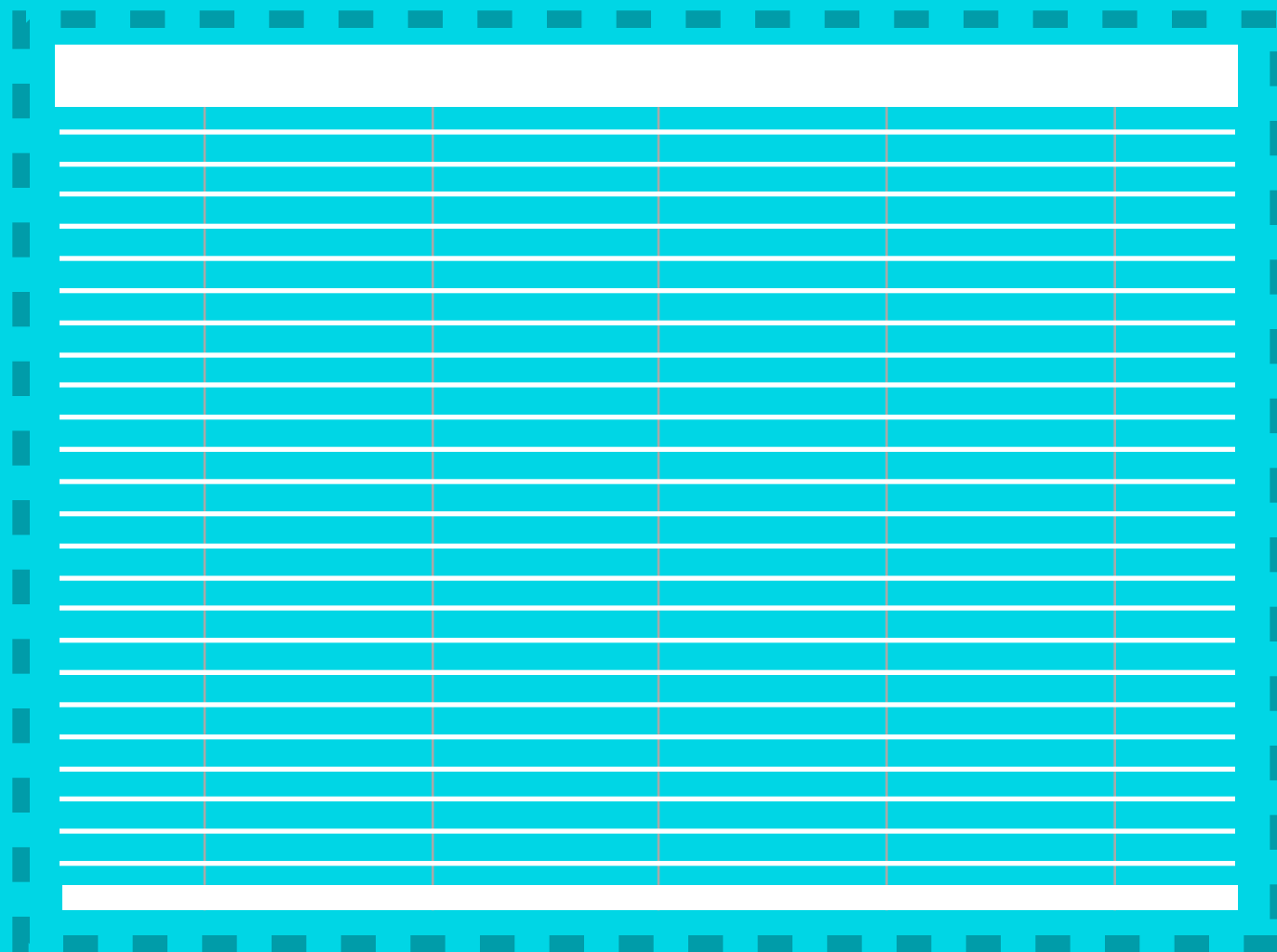
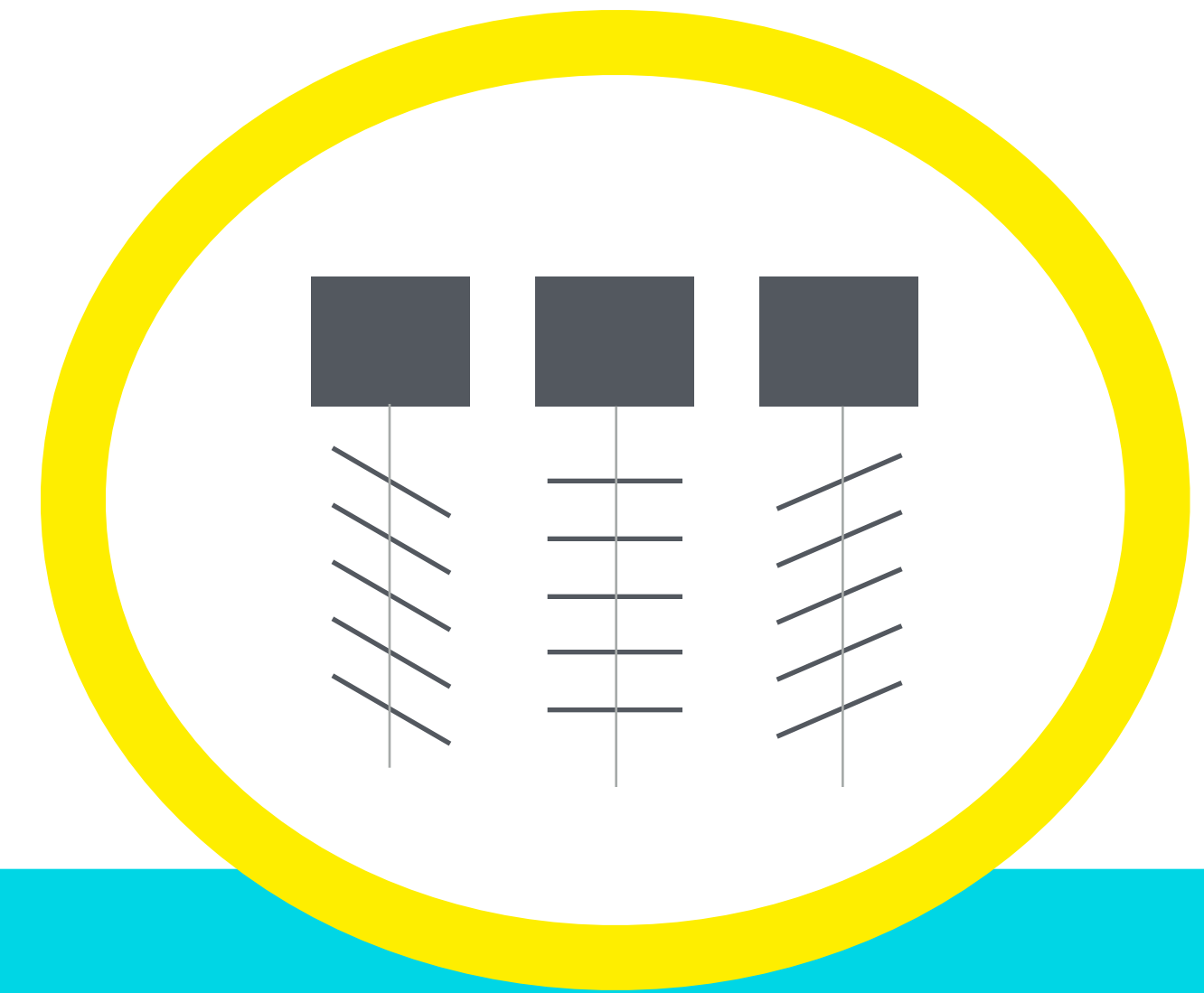
**A GUIDE TO: HARDWARE / WIRING / FIXING / MEASURING / CONTROLS**

**50mm Wood Venetian Blinds powered by Somfy Sonesse 40 RTS Motors**

**electroblind.co.uk**  
*specialists in motorised blinds*

# “50mm WOOD VENETIANS POWERED BY SOMFY 240v RTS

*50mm Wood Venetians powered by 240v RTS motors  
can be raised, lowered, tilted and stopped at any  
position or angle via your wireless remote control.*



# “WIRING WOOD VENETIANS POWERED BY SOMFY 240v RTS

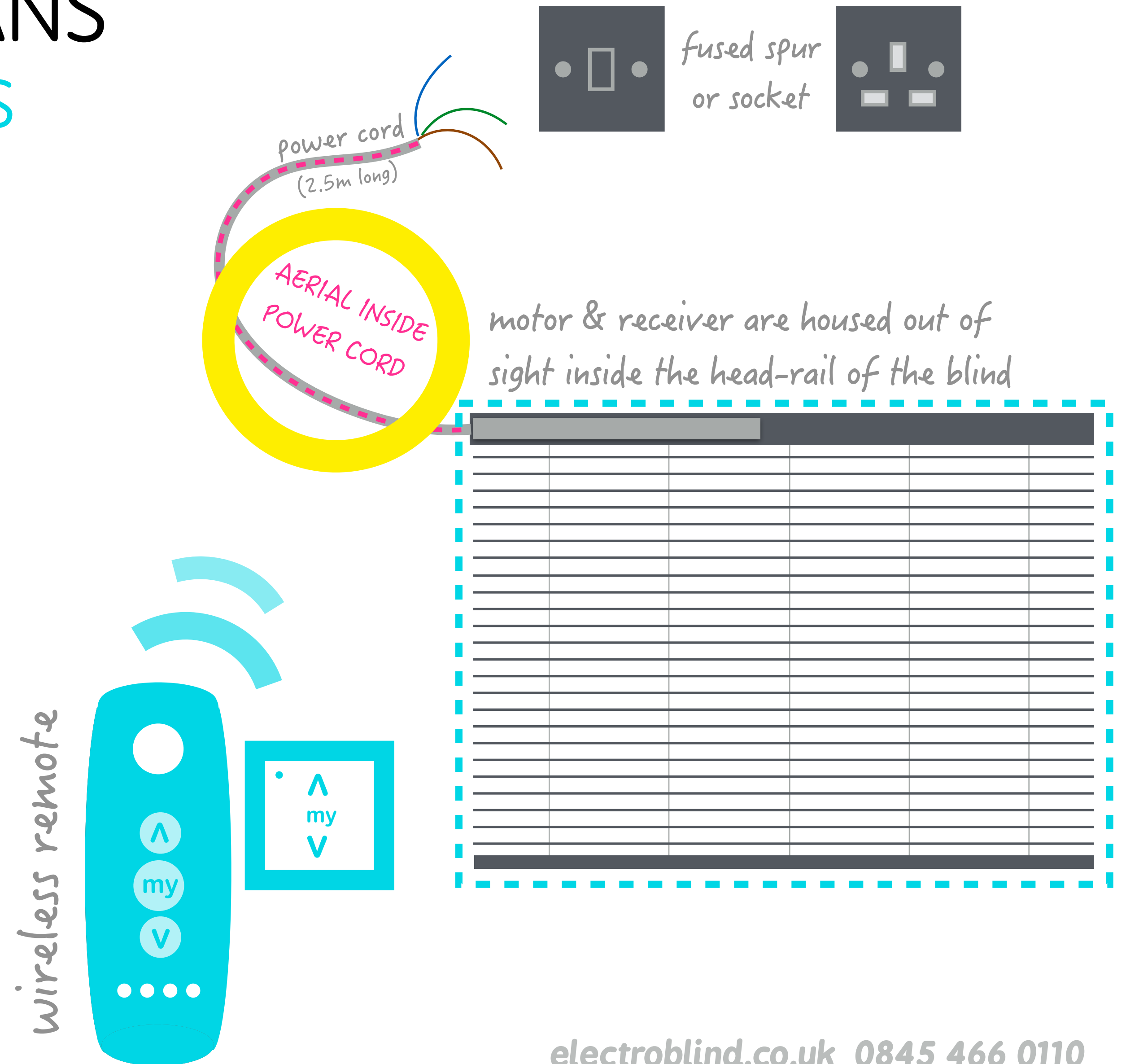
240v RTS motors **each require their own power supply** (fused spur or switched socket)

**Just like a TV**, you simply plug it in and operate it from your remote control.

The **remote control ‘talks’ to a receiver** inside the motor and you can operate your blind at the touch of a button.

The **motor is tubular and housed inside the head-rail** of your blind. The power cord exits at one end.

**Cut off your aerial and your motor will fail and be irreparable...**



# “WIRING RULES THE BASICS

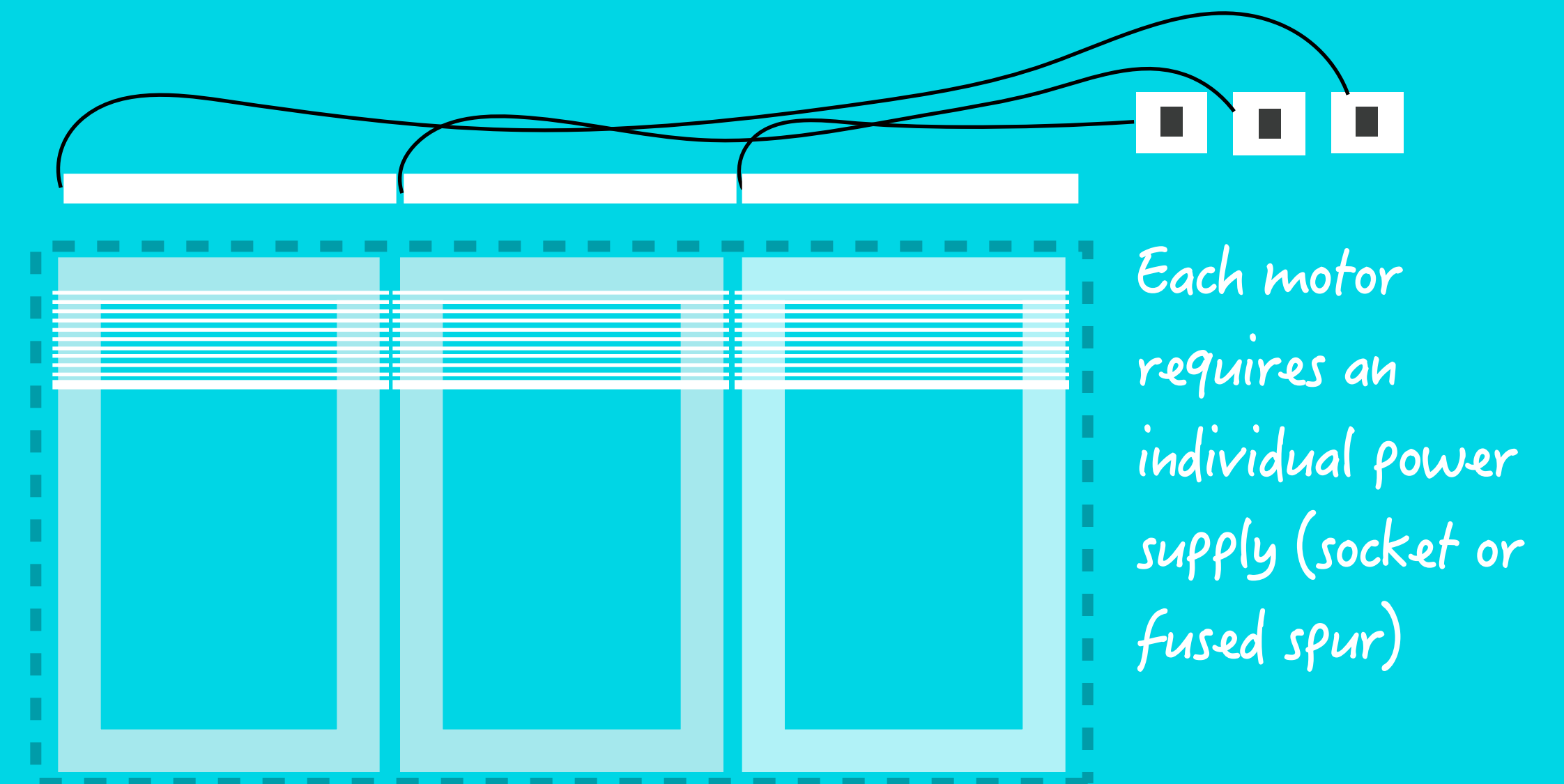
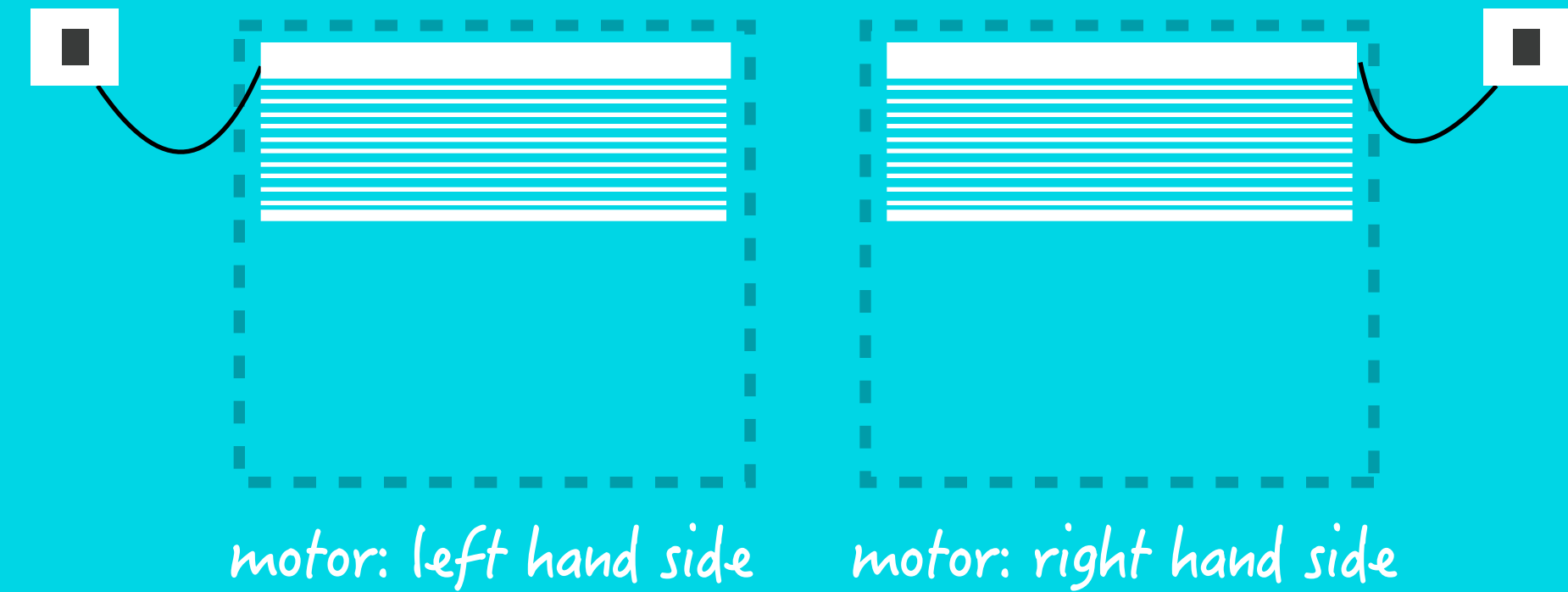
**Your Somfy RTS motor can be supplied to the left or right hand side.**

*It can be plugged into a socket or hard-wired into a fused spur.*

*If you have more than one blind to a window, each one requires an individual switched socket or a fused spur in order to isolate the motor – for safety and also to facilitate programming.*



**Unless we're told otherwise, all of our blinds are supplied - as standard - with a motor on the right hand side.**



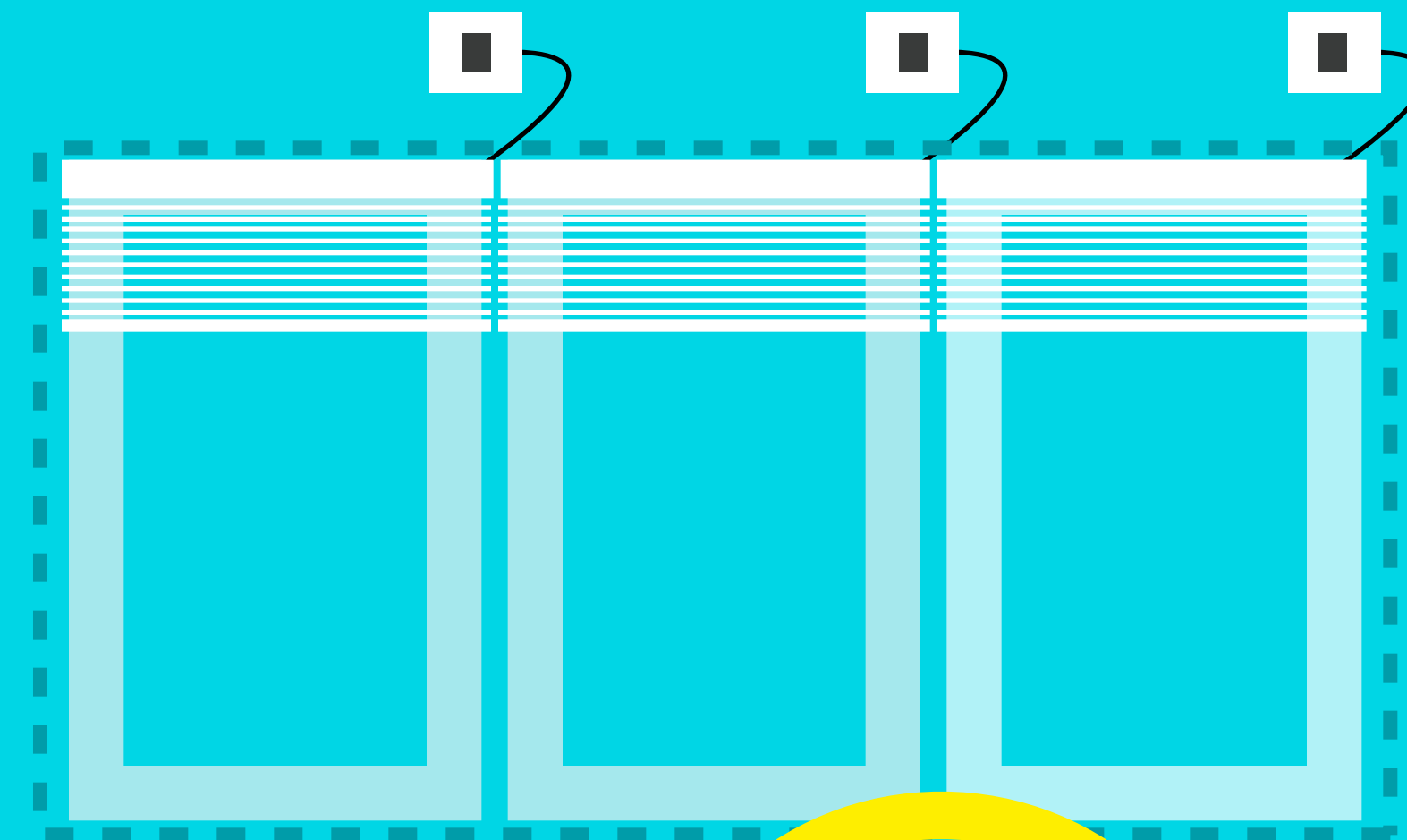
# “WIRING RULES

## MULTIPLE RTS MOTORS

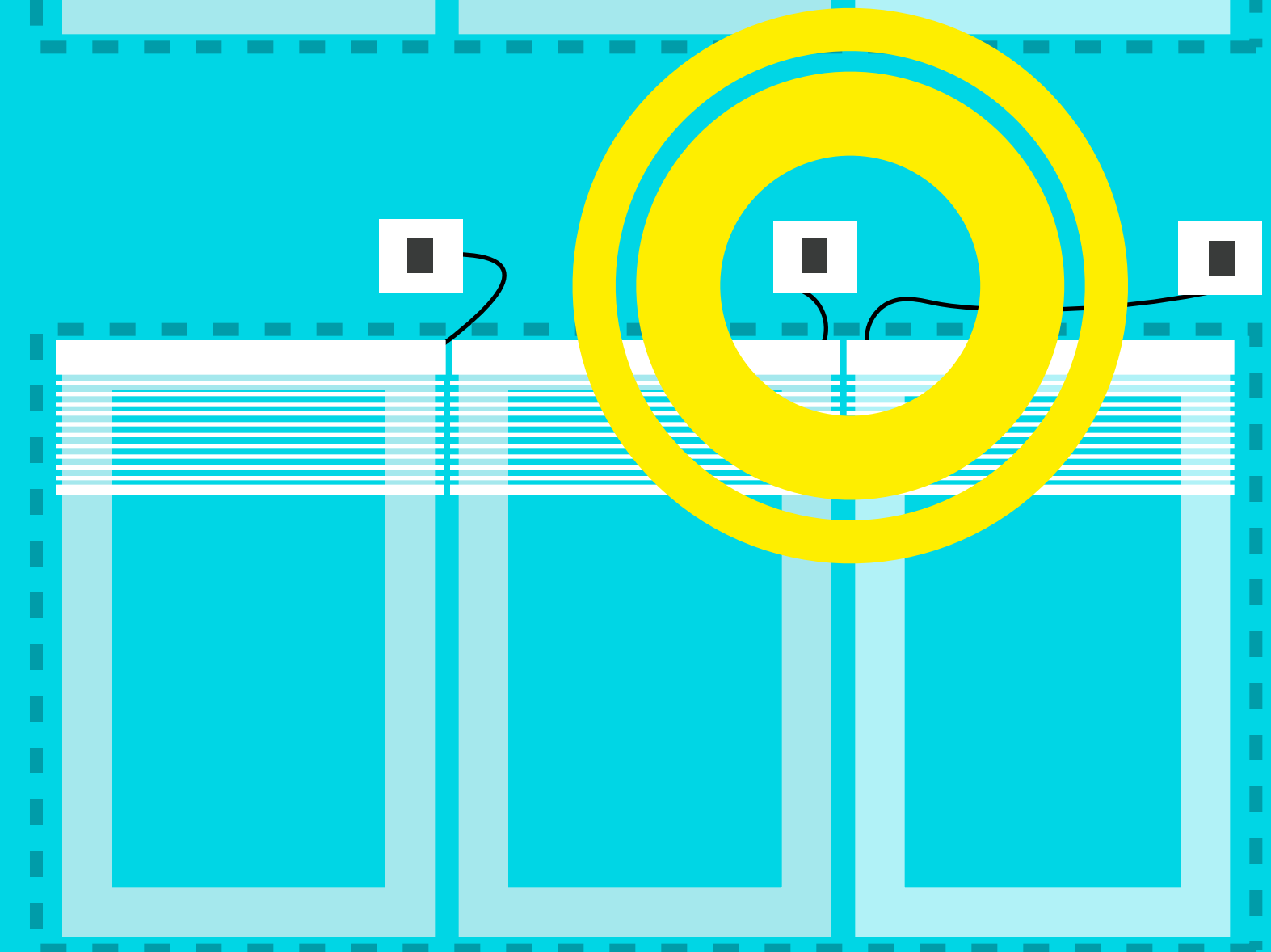
**Motorised blinds can be fitted side by side. But the motors themselves should keep their distance.**

**Motors positioned so that their *motor heads are adjacent* can cause interference to signalling, which means that your blinds operate erratically.**

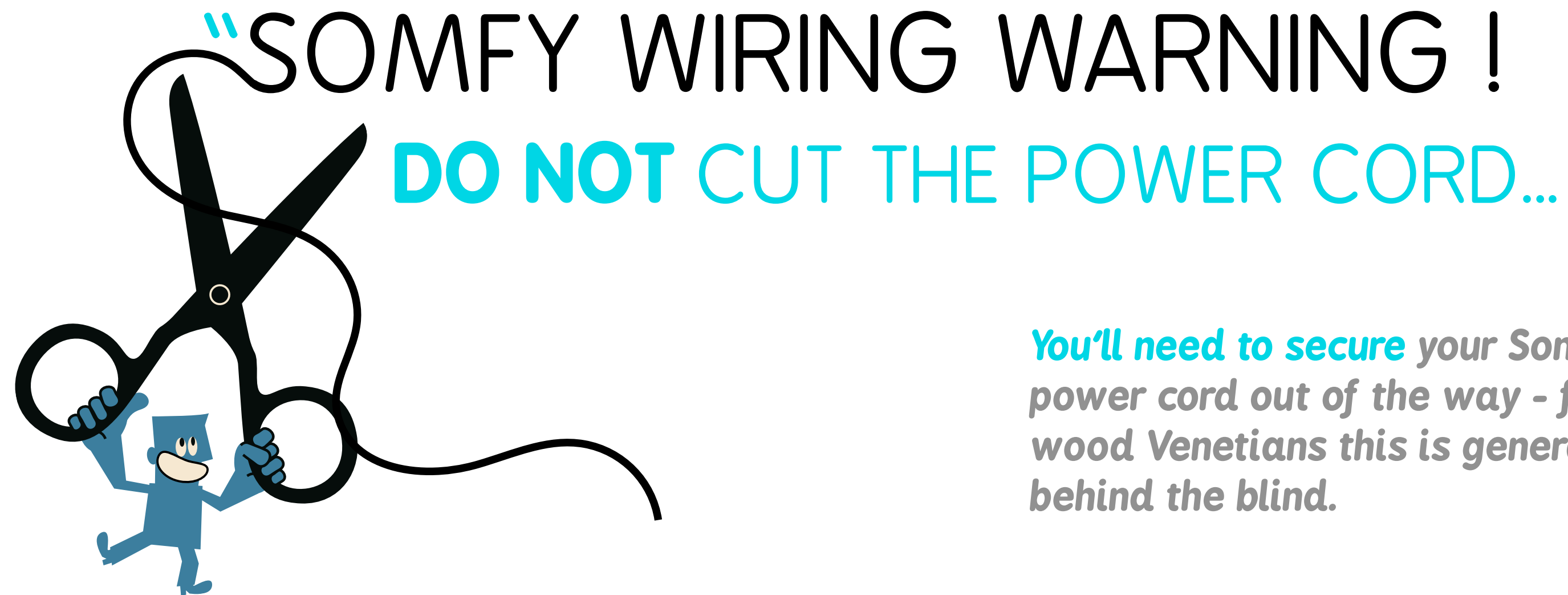
**It's not always a problem, but it's better to be safe than sorry...**



*Receivers/Aerials are suitably distanced*



*Adjacent receivers/aerials can cause interference*

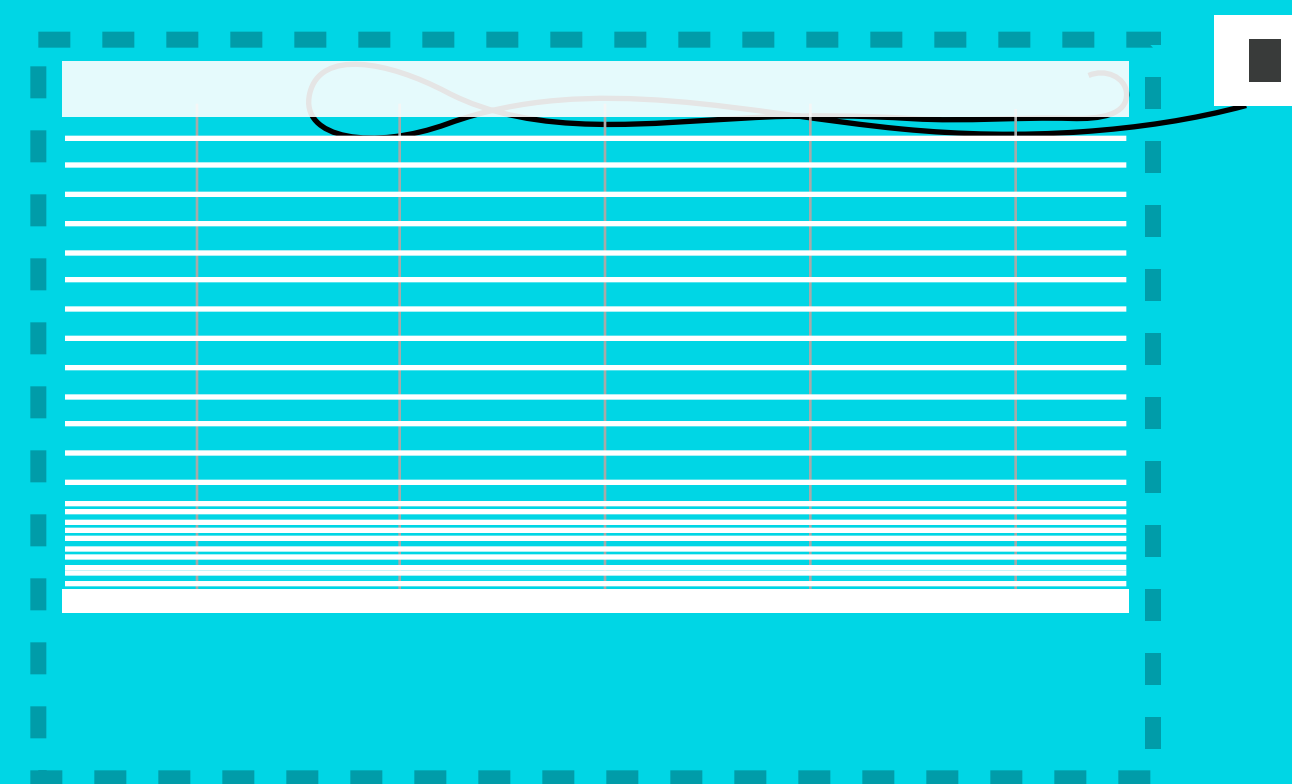


*You'll need to secure your Somfy power cord out of the way - for wood Venetians this is generally behind the blind.*

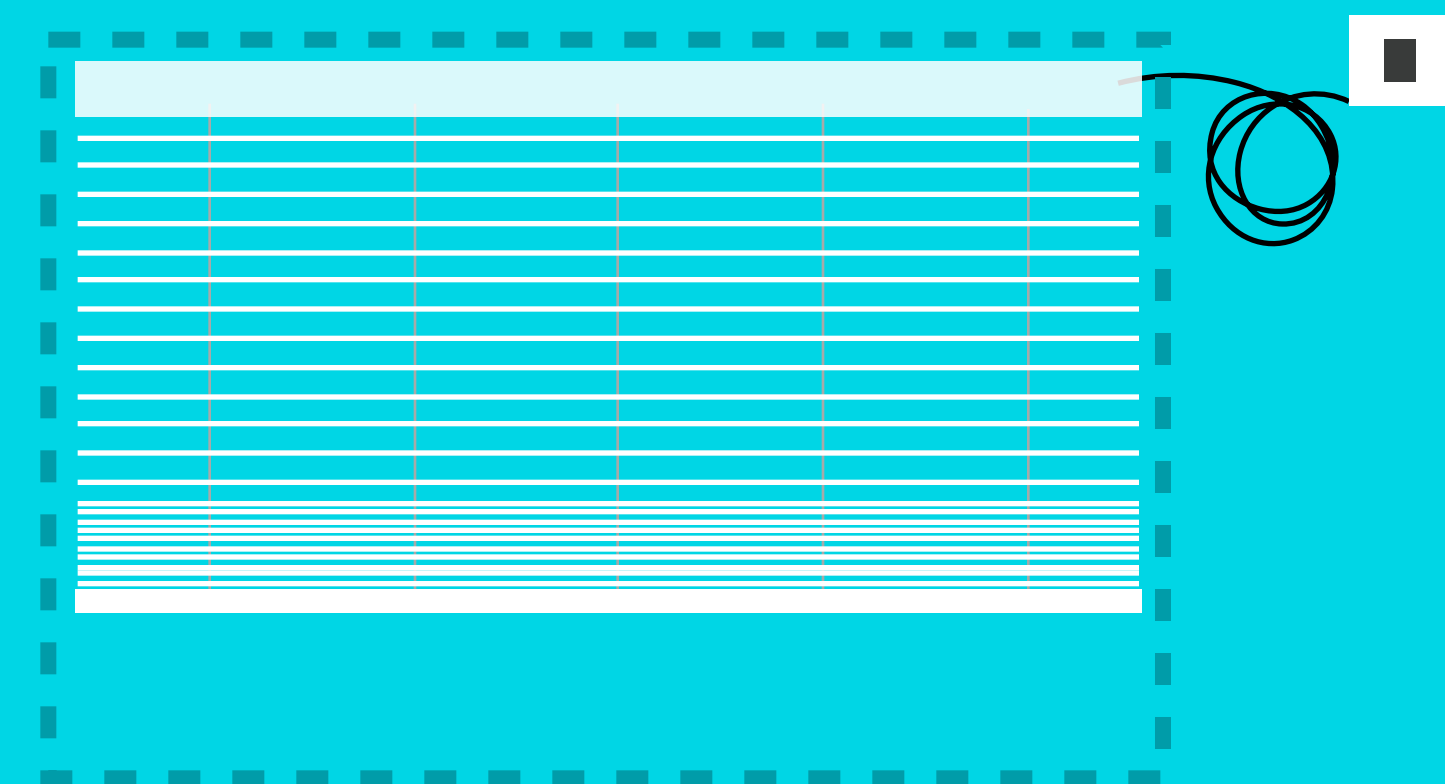
*Or you can loosely loop the spare Somfy power cord at the side. This works well with plasterboard walls - you can often drop spare wire behind the plasterboard*

**Your aerial is inside the power cord. Cut it off and you'll need a new motor.**

**Replacing it is a 'factory-fit'. But realistically you'll need to replace your entire blind...**



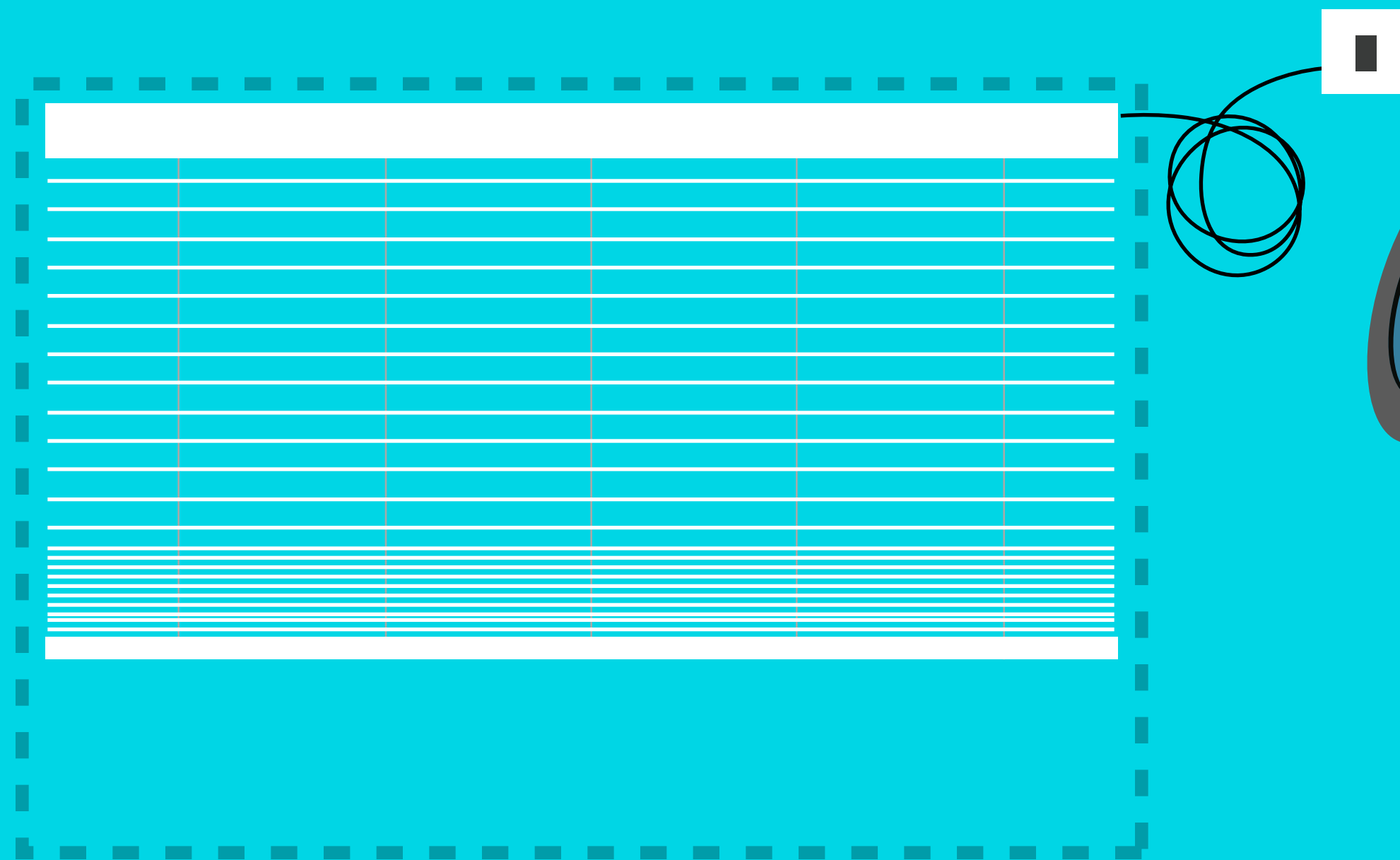
**Snake the wire and pin it behind your blind**



**Loop the wire - this works best when you can drop the spare wire into a wall cavity**

# "SOMFY WIRING ANOTHER WARNING!

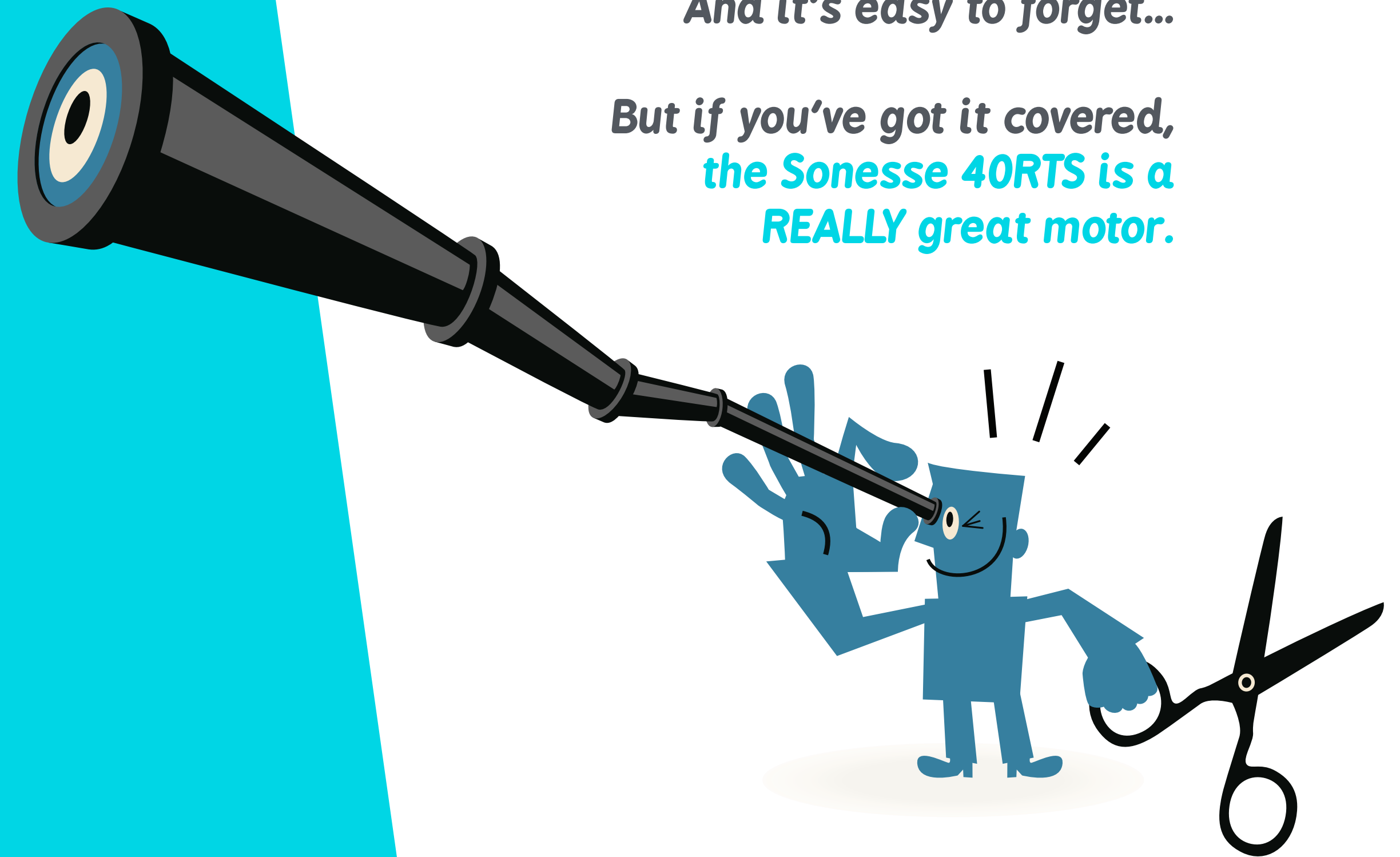
If the power cord gets cut accidentally during installation (and it happens) you'll need a new blind...



*A sharp-eyed electrician 'tidying up' your wiring can be an expensive mistake*

*Accidents happen.  
Communications fail.  
And it's easy to forget...*

*But if you've got it covered,  
the **Sonesse 40RTS** is a  
**REALLY** great motor.*



# "SOMFY TECHNOLOGY

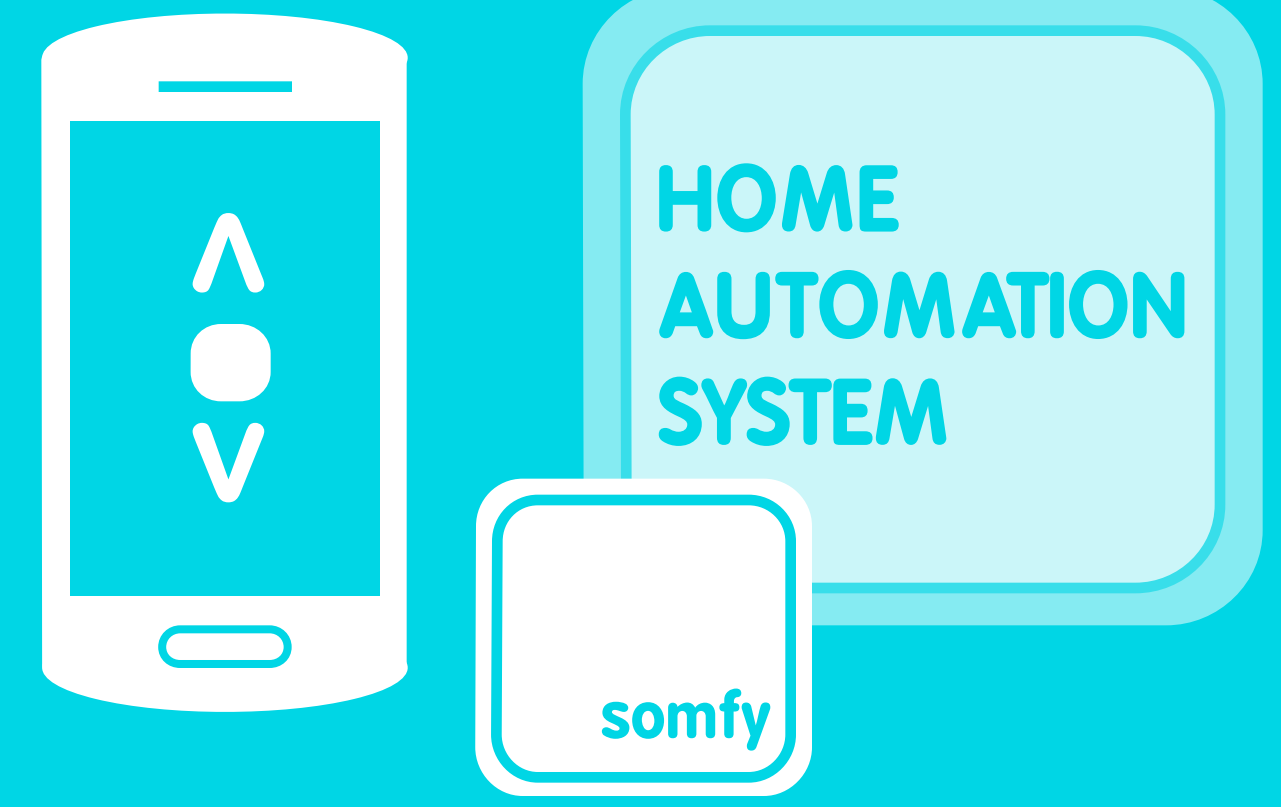
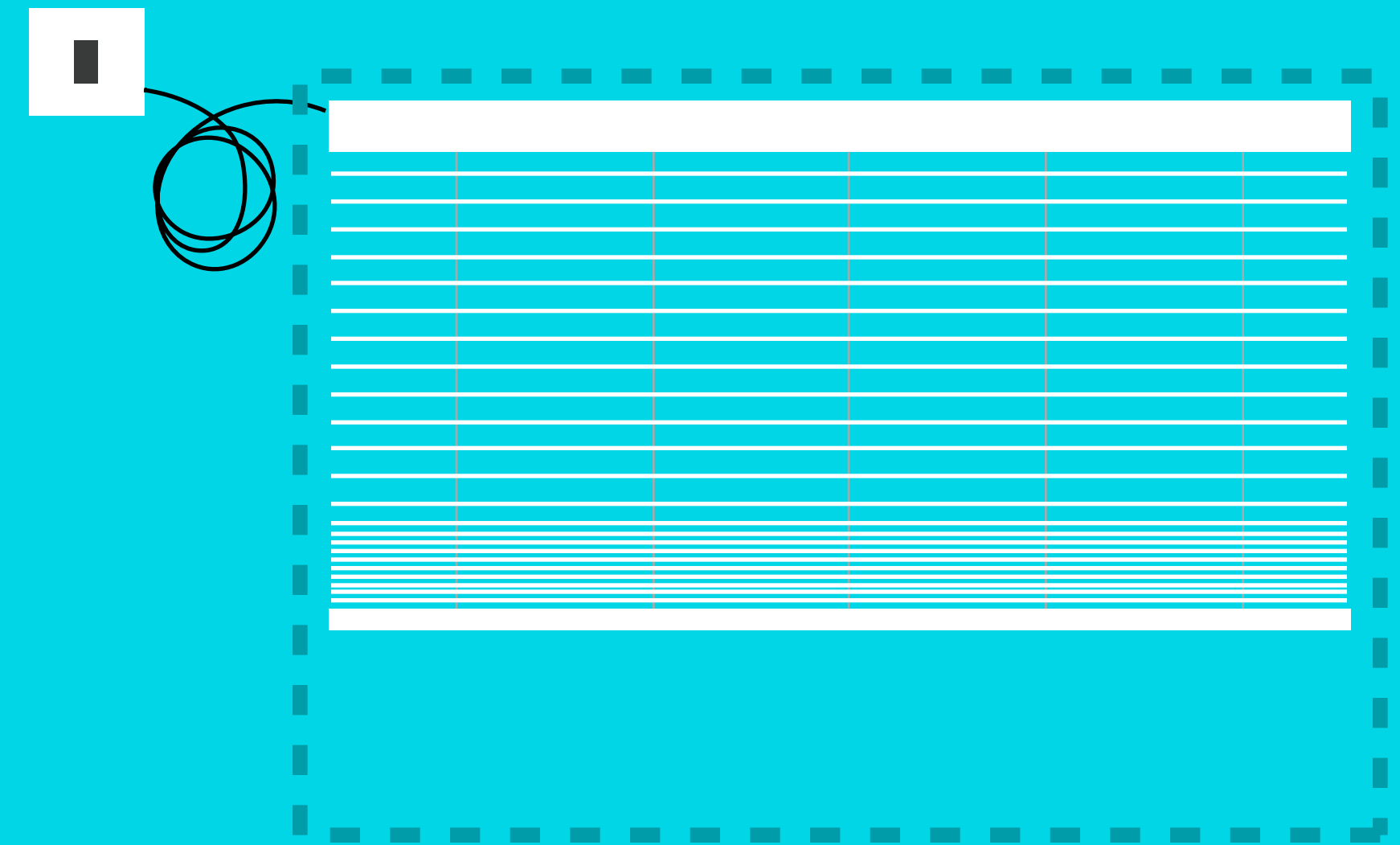
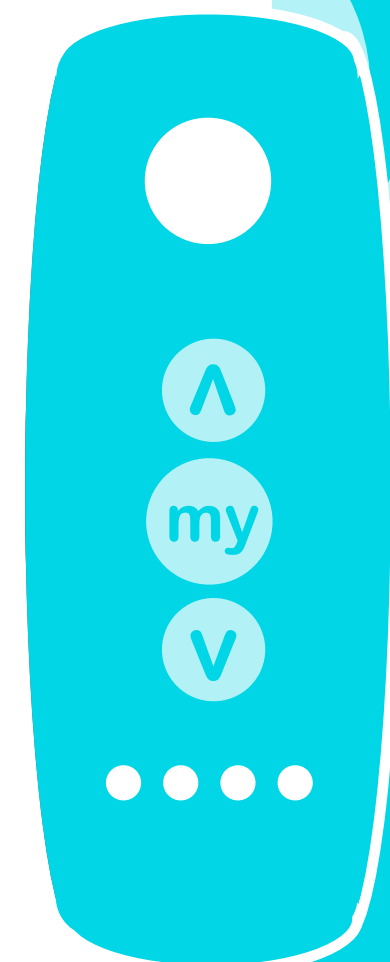
## WIRELESS INTEGRATION TO YOUR HOME AUTOMATION SYSTEM

*Somfy RTS technology enables easy wireless integration to your home automation system via a spare DRY CONTACT PORT.*

*You'll require an RTS Dry Contact Transmitter for every blind motor.*

*Connection is simple and quick. Once connected, your engineer can programme your blinds to be operated via your HA System or enabled SmartPhone or Tablet*

*And if you want, you can still use your Somfy remote controls.*



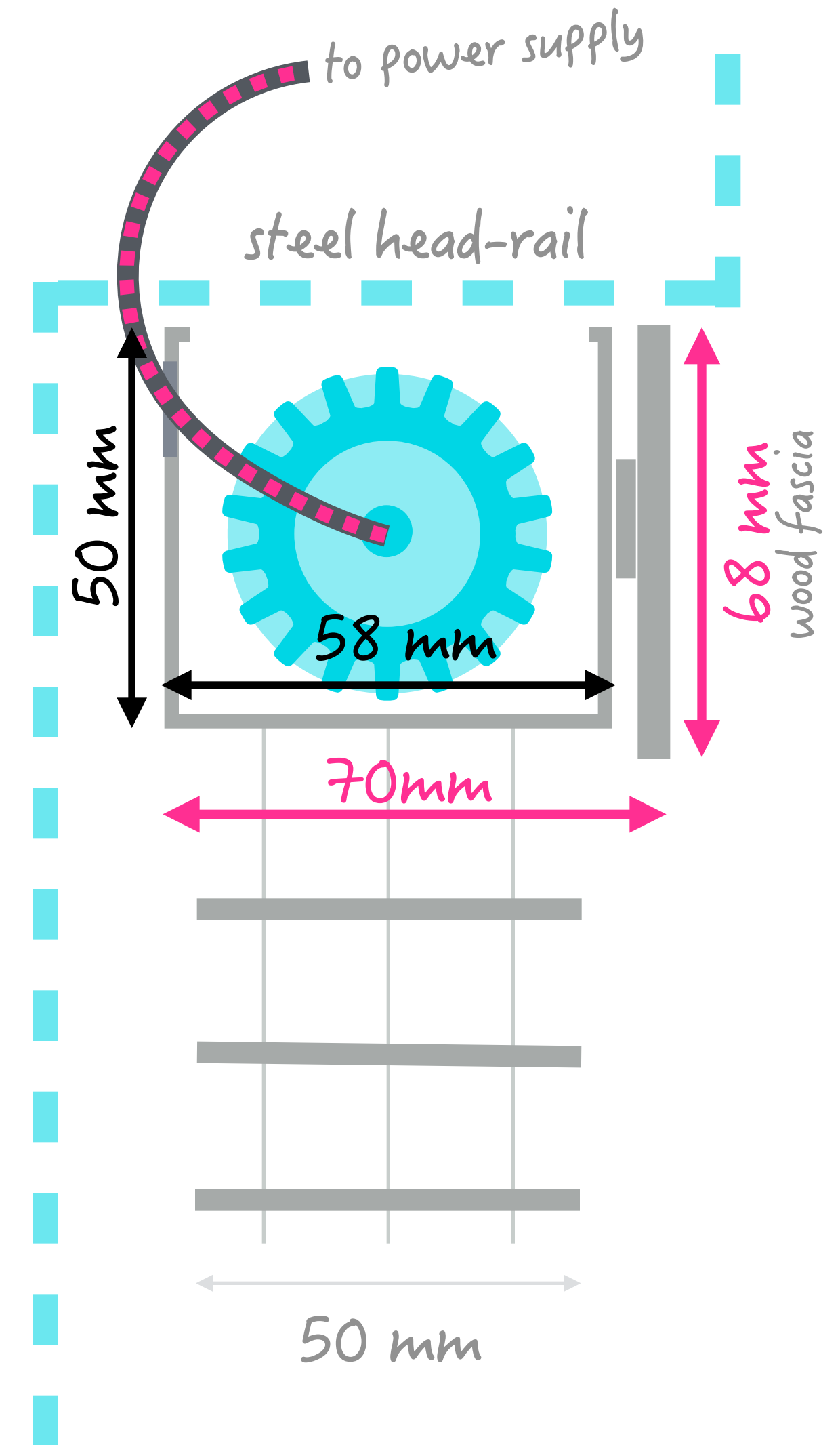
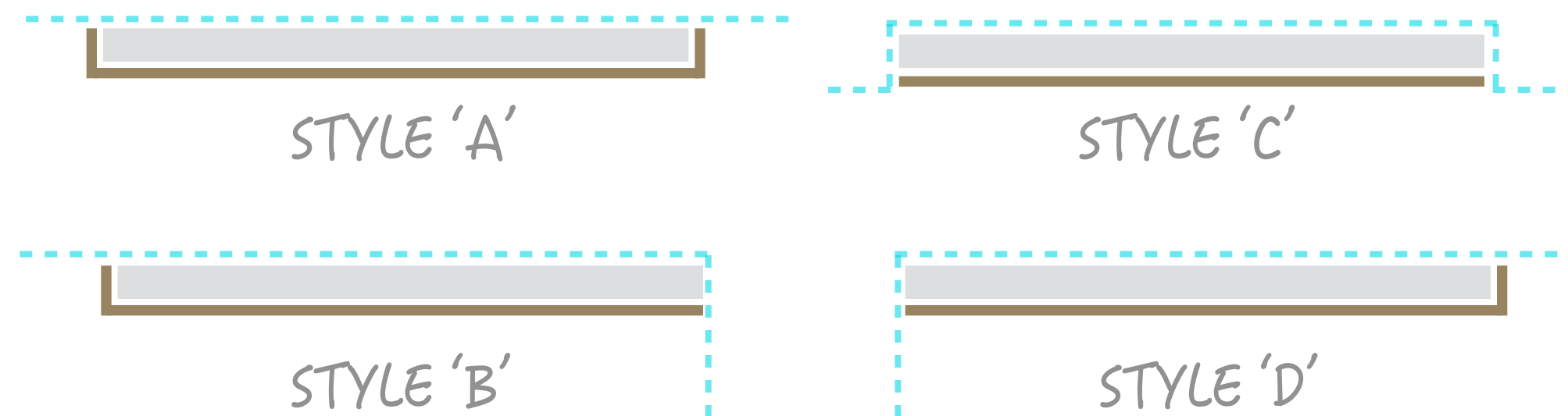
*RTS Dry Contact Transmitter*



# "MOTORISED WOOD VENETIAN SPECIFICATION

Slat Width	50mm
Brackets	ceiling & wall fix
Wood	Basswood
Ladder String	colour Co-ordinated Polyester
Laddertape	N/A
Headrail	aluminium 58mm x 50mm
Max Width	299cm

## WOOD VALANCE OPTIONS



# “STACK DEPTHS

The **stack depth** is the overall depth of your blind when it's fully raised. Naturally this varies according to **the height (drop) of your blind...**

DROP (mm)	STACK DEPTH (mm)
600	115
900	135
1200	155
1500	175
1800	200
2100	220
2400	240
2700	265
3000	285

STACK  
DEPTH



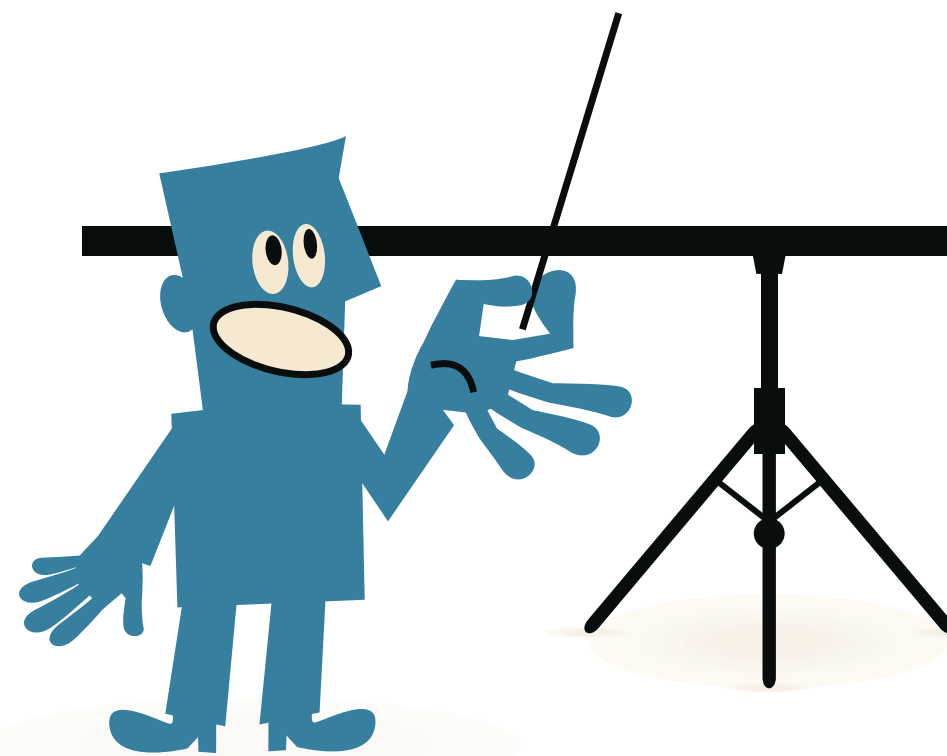
DROP

# "MEASURING INSIDE A RECESS

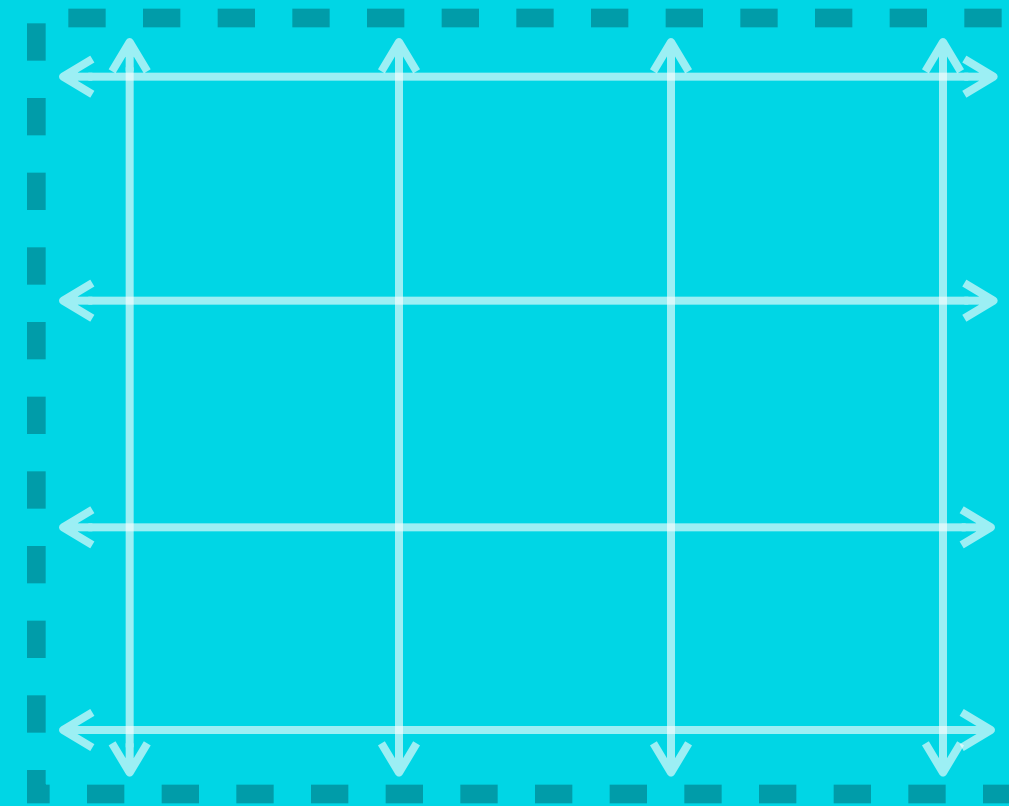
**Mind the gap!** Your blind needs room to move and recesses are rarely absolutely square.

Measure your window at intervals and work from the narrowest point.

**YOUR  
BLIND WIDTH =  
RECESS WIDTH - 15mm**

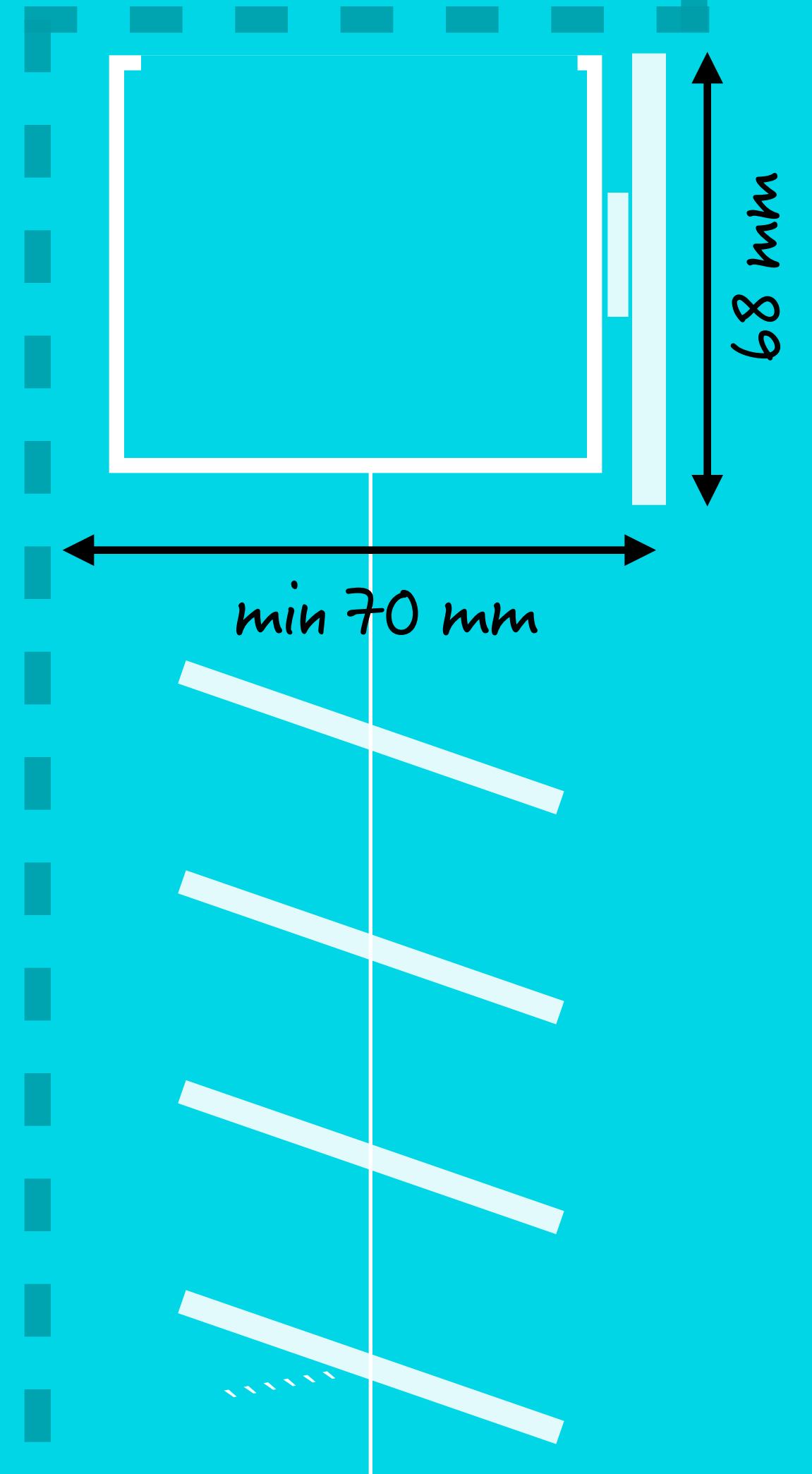


measure your recess at intervals



use the smallest measurements

check the depth of your recess & look out for handles



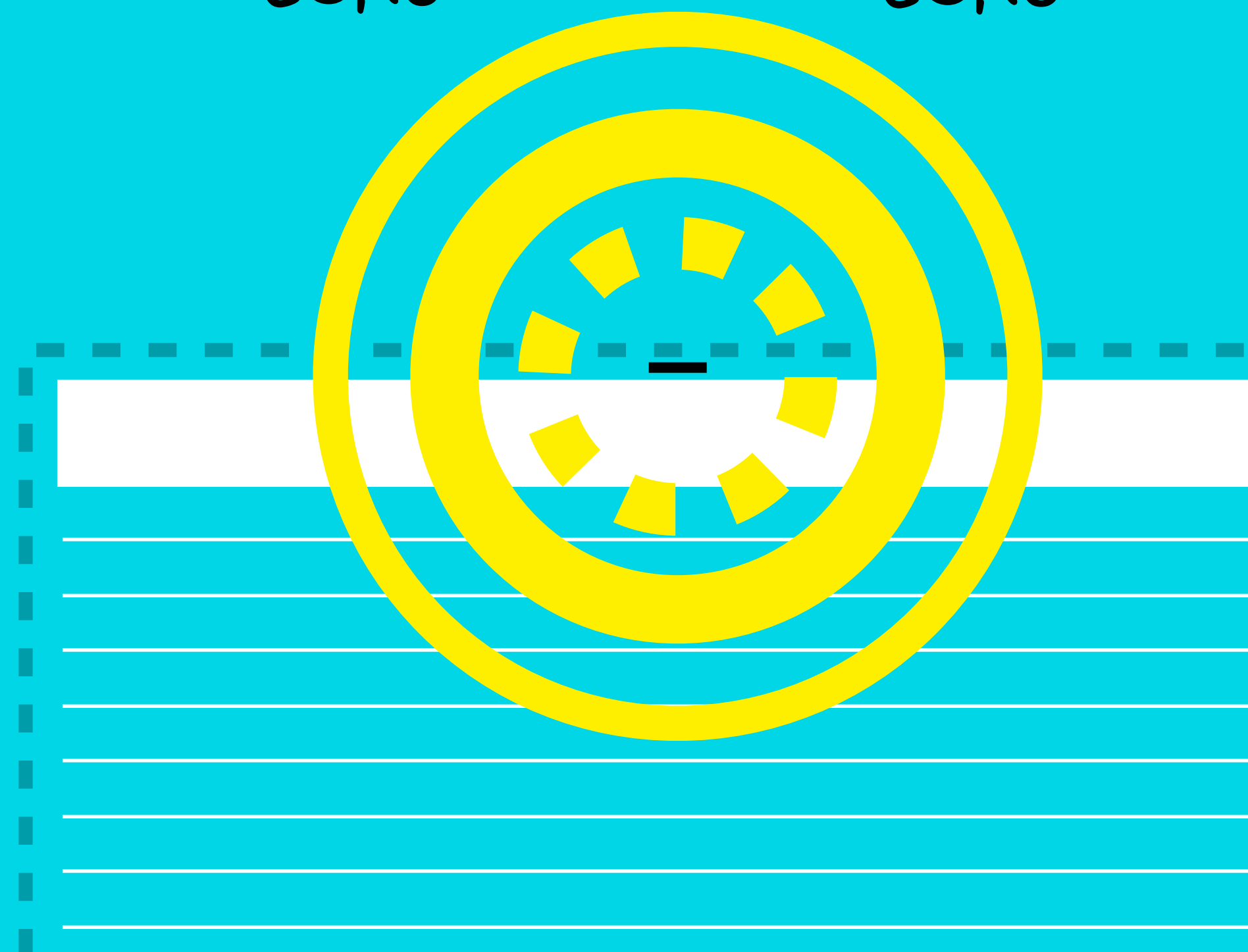
# "FITTING 240v VENETIANS THE GOLDEN RULE

Venetian blinds are relatively easy to fit. We supply robust steel swivel brackets with an option for wall or ceiling fix.

But there's **ONE GOLDEN RULE FOR 240v VENETIANS NEVER FIX A BRACKET OVER THE CONES.**

*If you do, the cords of your blind will stick and become badly entangled and your blind may be damaged permanently.*

**All electrical connections should be made by a suitably qualified electrician.**

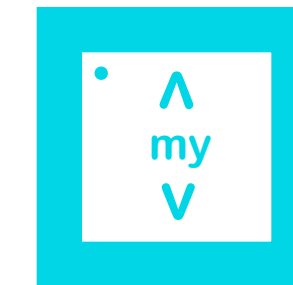


←→  
Position your brackets midway  
between the cones

# "SOMFY TECHNICAL DATA

Product Code	Sonesse 40 RTS
Torque	6Nm
Speed	20 RPM
Minimum blind width	610mm
Power cable length	2500mm
Aerial	** inside power cable **
Power consumption	130W
Current	.55A
Thermal work time	4 minutes
Protection factor	IP31
Limit Switch Type	electronic
Sound Level	44dBA
Radio Frequency	433.43 MHz rolling code
Wireless HA integration	YES

**motors**



Product	Telis Modulis	Smooove
style	hand-held with wall-mount	wall-mount
colours	white or black	White / Black / Silver
models	Single & 4 channel	Single channel
timer option	available on other models	available on other models
sun / heat sensor	available as an add on	available as an add on

wireless remote options

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