



solarzon™

A whole new way to control an electric motor

www.solarzon.com



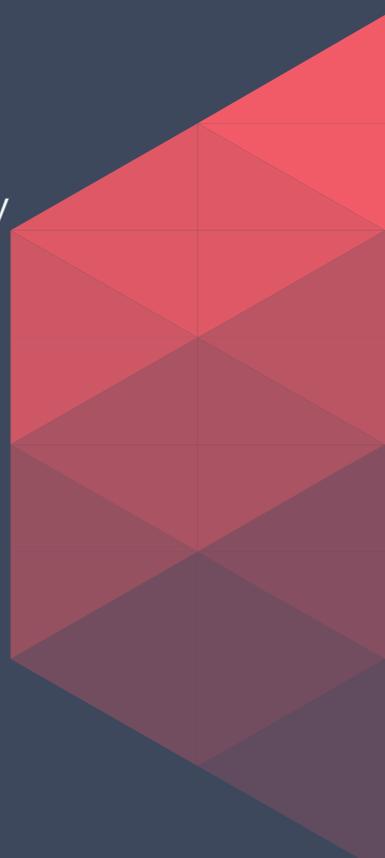
solarzon™ is a whole new way to control the electric motor

Now, the innovative IoT technology has been applied to electric motors. Beyond simple remote control, you can easily and conveniently control the motor through your smartphone anytime, anywhere.

Advanced Smart**Astro**™ function that automatically opens and closes the position of the sun in real time, Geo-fencing function that automatically closes when you go out, scheduling function that automatically opens in response to wake-up calls, and free apps that can be used by all family members getting all the features to increase

Light control is a very important part of everyday life. Light is the most complete interior material.

Experience the innovative technology provided by solarzon™



solarzon™ has no limits

Beyond the limits of conventional 1/4/16 channel control, there is no limit on the motor that can be controlled simultaneously



solarzon™ **is widely available in anywhere**

It can be applied to various fields with electric motors immediately

Venetian Blind



Roller Shade



Curtain



Awning



Projection Screen



Patio Screen



Garage Door



External Venetian Blind



Electric motor meets IoT technology

Provides a completely new user experience.

Now experience the innovative technology of solarzon™

By Smartphone

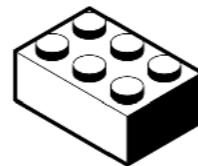
Beyond the limitations of remote control, solarzon™ provides all the functionality you need on your smartphone. Expand your users with app downloads now without adding

a remote



Outstanding scalability

The solarzon™ easily integrates with the motor. Simply create a group with a few choices. Simply replace the existing external receiver with solarzon™ and the wiring is the same as before. solarzon™ is ready for business without new learning



Anytime, anywhere

solarzon™ operates on the Internet. Now you can control the blinds / curtains / awning of your home from anywhere in the world. There is no need to rush home when the wind blows or the snow falls



solarzon™ is easy

Intuitive and simple UI that does not need to learn

1 Top/botton, left/right setting

You can select the setting screen according to the method of operating up and down and the method of operating left and right

Venetian Blind



Roller Shade



Curtain



Awning



solarzon™ is fast

It guarantees fast tilting at the same speed as remote control, and tilting angle can also be set

1 What is Tilting?

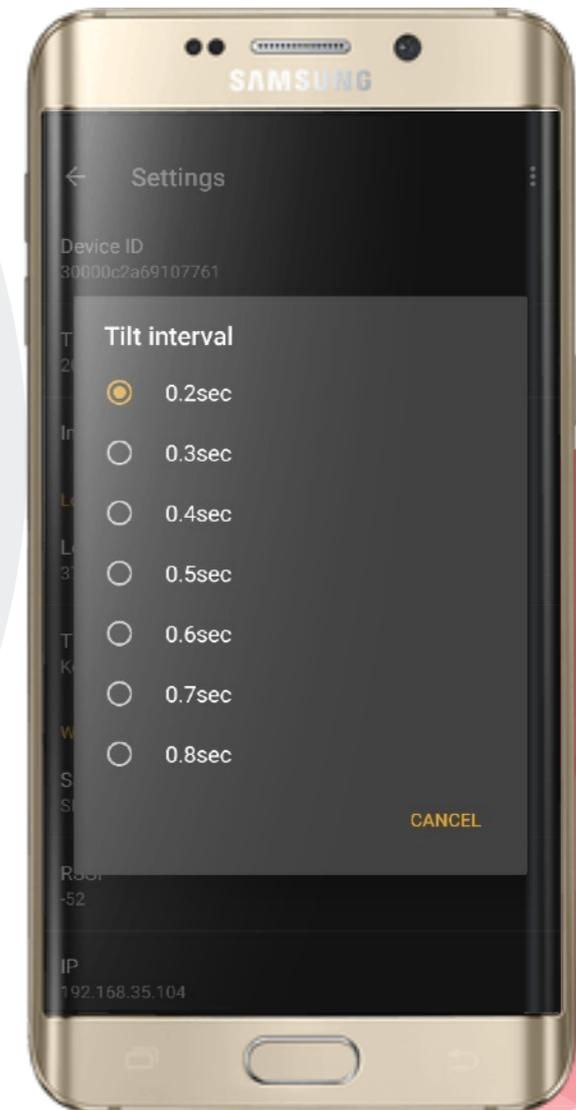
Adjusting the slat to adjust the size of light



Slat



i Setting the Tilting Time

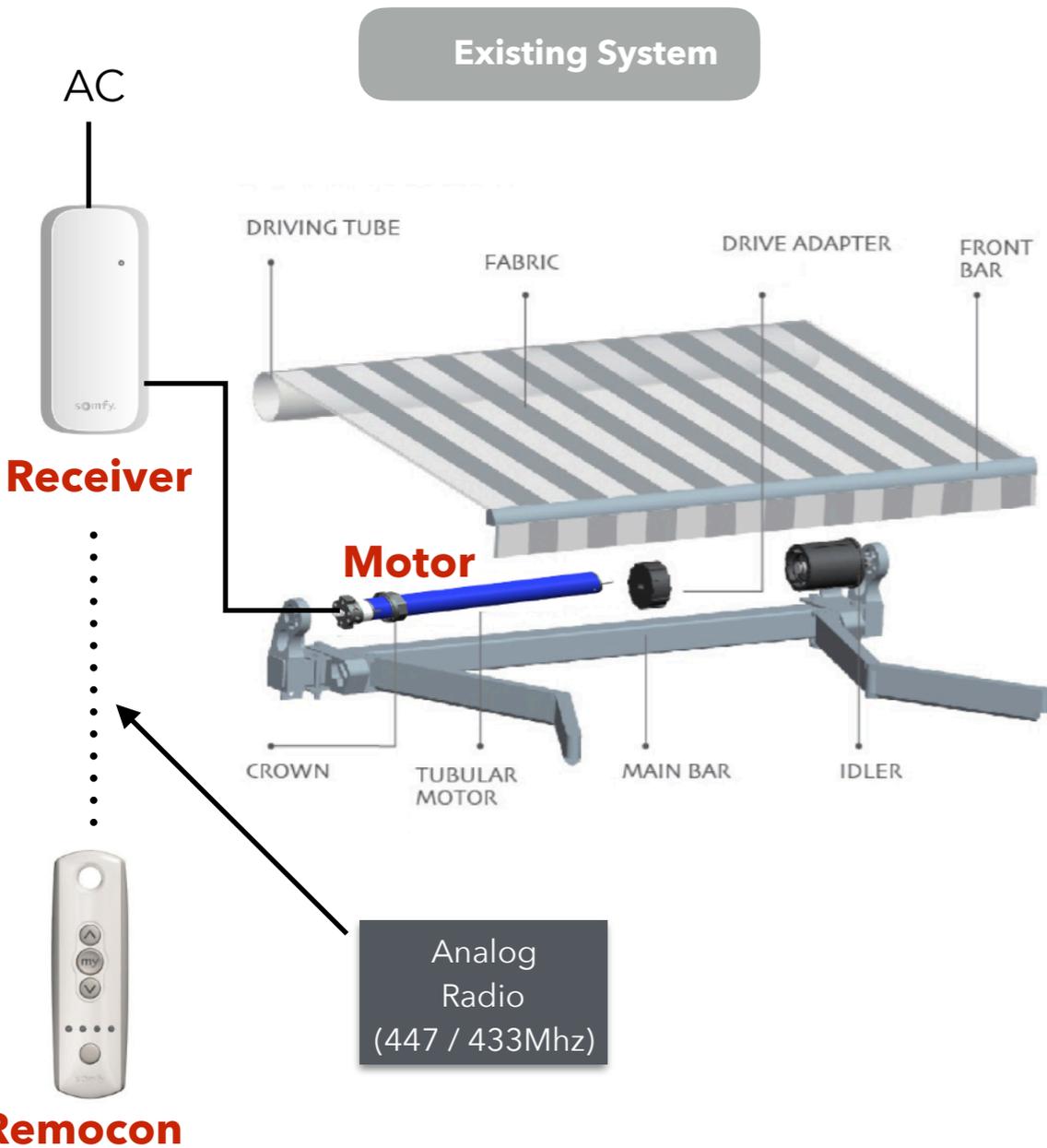


solarzon™ **How it works(1)**

Replace Receiver with solarzon™ with the same wiring as before

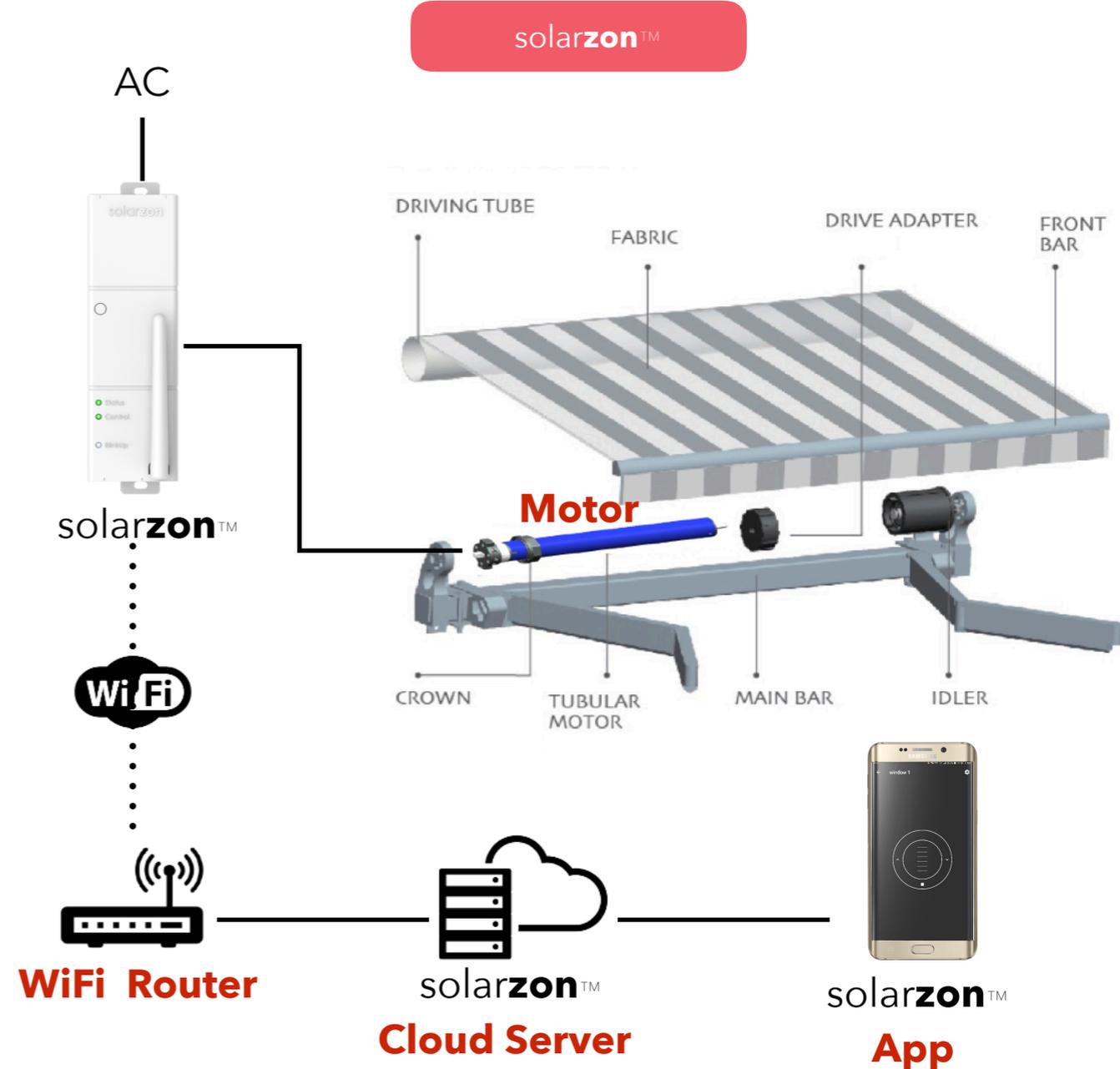
1 Existing system

The command is transmitted to the receiver by the dedicated remote controller, and the receiver is powered by the command



2 solarzon™

Motor connection in the same way as the existing receiver, solarzon™ connects to the server via the router, users can control using dedicated apps



solarzon™ **How it works(2)**

The motor uses the existing motor and replaces only the receiver with the solarzon™

1 solarzon™ does not support remote control

* **The motor uses the existing motor as it is**

The solarzon™ is the same as the existing motor wiring



Existing system



solarzon™



Replacing device

Replacing the device with solarzon™



Using your smartphone

All features through smart phones



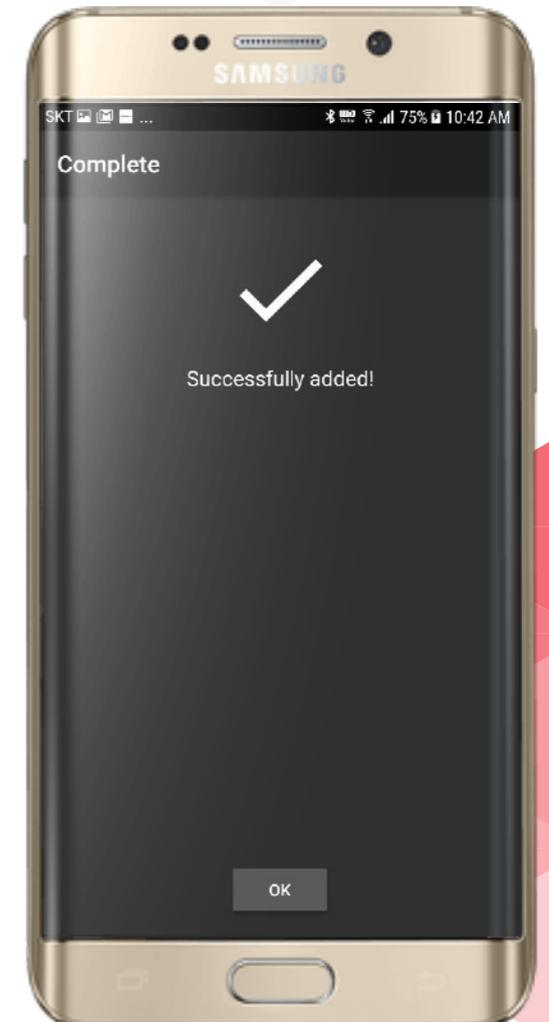
Simple group setting

Groups can be set up easily. You can use it right away with a few choices

Group name set

Choose solarzon™ as a group

Done!



solarzon™ Innovative WiFi configuration technology

Innovative technology that transmits information to the light of the smartphone screen, setup completed within 10 seconds

1 BlinkUp™

If the color of the screen blinks rapidly in white and black according to the information, the light sensor recognizes it and processes information
Easy to set up on any phone like Android, iPhone

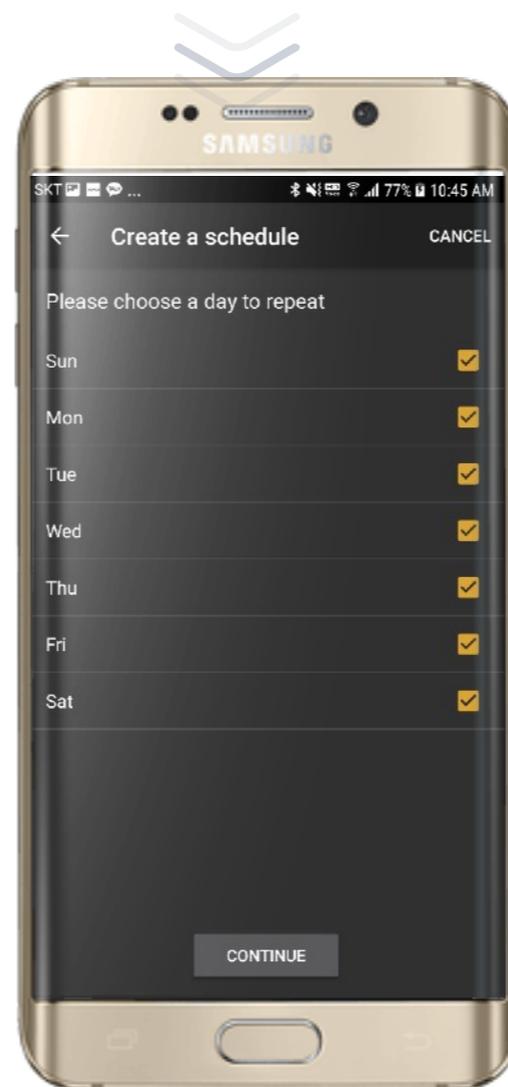
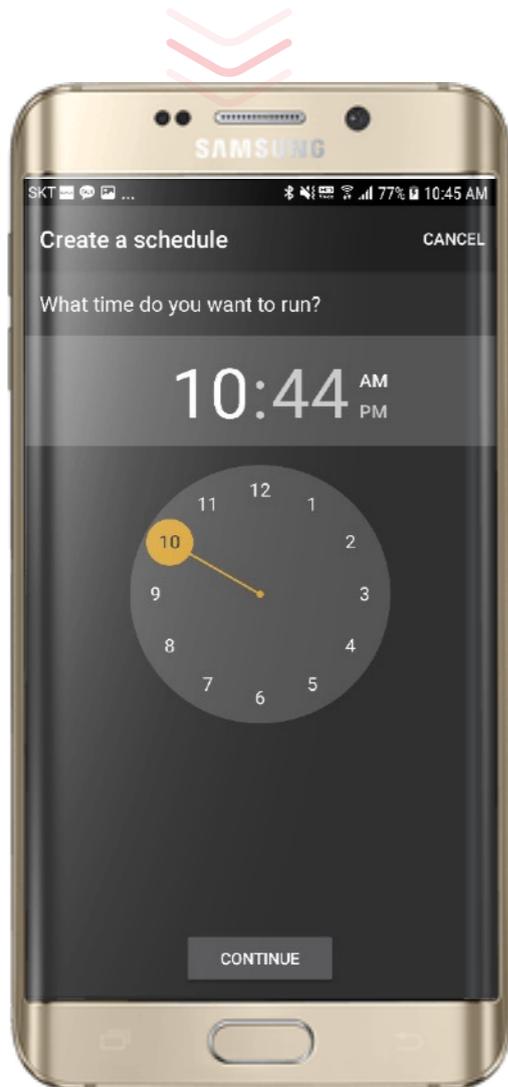


Schedule setting according to repeated life pattern

Light comes on in the time of the weather and in the evening,
it automatically and easily sets the closed shade easily and quickly

1 Repeating setup at once

Repetitive and cumbersome blinds / curtains / awnings can be set easily and comfortably all year round



solarzon™ is safe

Uses the world-leading UL® 2900-2-2 certification platform for cybersecurity certification

1 Where security is especially important

You can use it safely in business areas where security is very important, such as business buildings / hotels.



Cybersecurity for Industrial Control Systems (ICS)

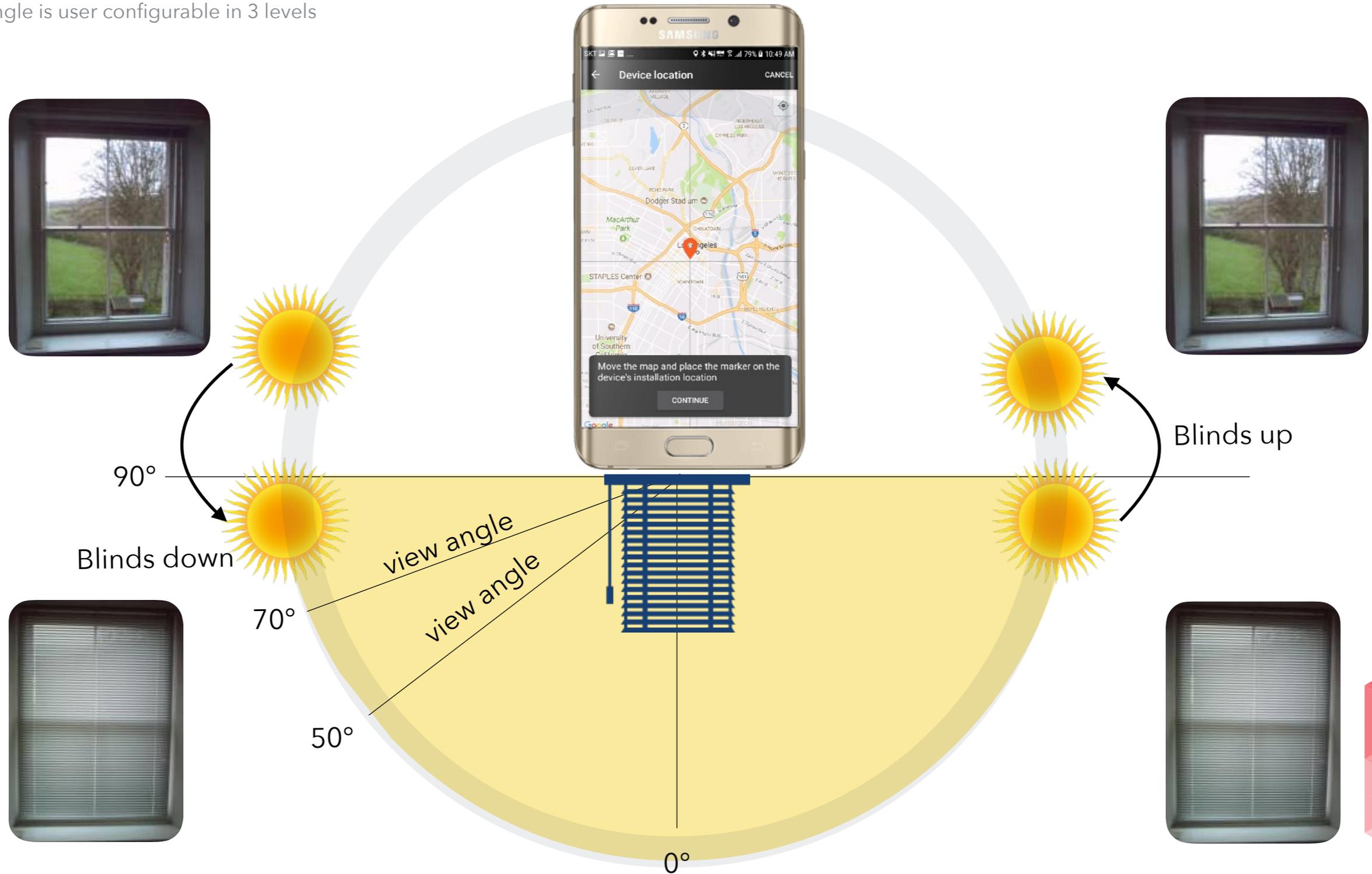


solarzon™ smartAstro™ tracks the location of the sun in real time

Understand the position of the sun in real time according to the installation position of the awning and automatically operate

1 View Angle

View Angle is user configurable in 3 levels



solarzon™ WeatherAssist™ responds to weather changes

It can be controlled easily and quickly from the outside depending on rain, snow, wind, etc.

1 WeatherAssist™ (Beta)

This feature will be officially supported from 1Q 2018

 Strong wind / snow / a lot of rain can damage your awning



 Indoor only remote control



solarzon™

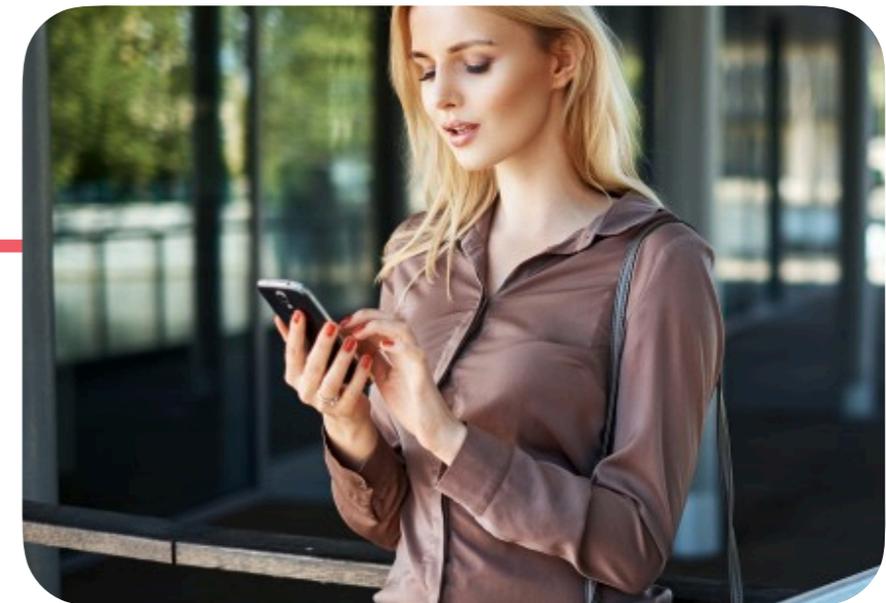
WeatherAssist™



"Currently, rain and gusts are getting worse. Please fold your awnings"



You can control anytime, anywhere while you are out

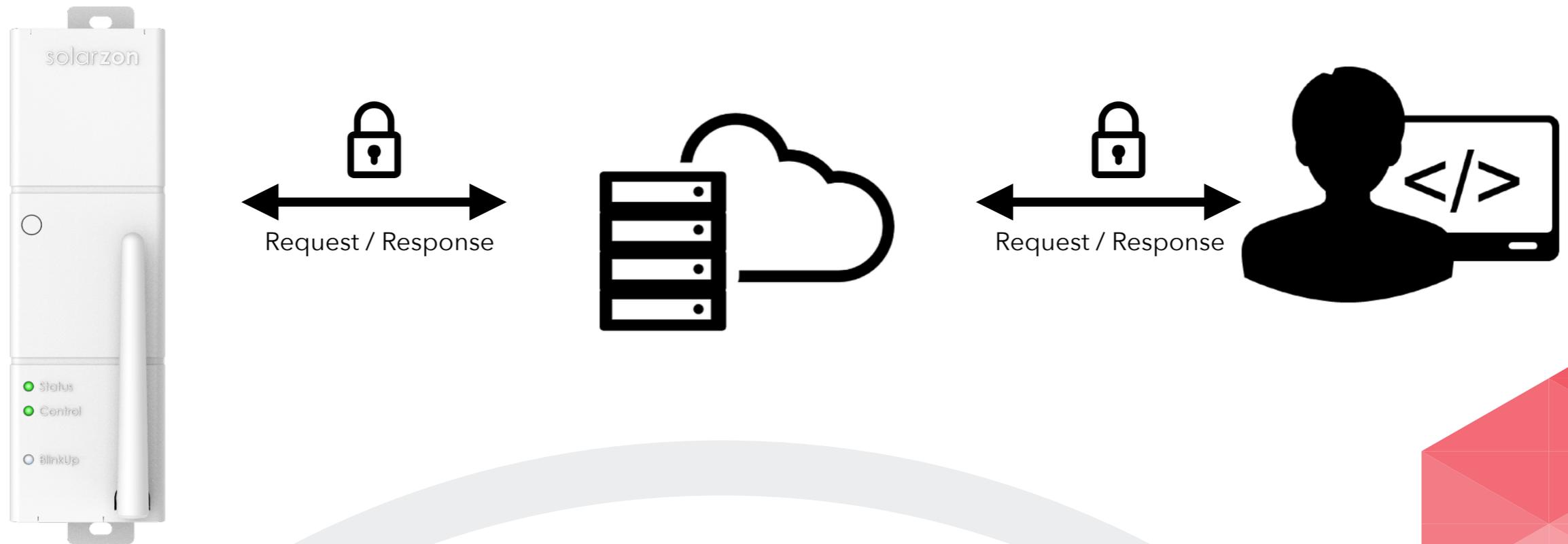


solarzon™ is expandable

Leverage the Open API to extend the capabilities of your existing integrated management system

1 solarzon™ Expandability

Expand your system freely with the Open API. Everything you can imagine is possible

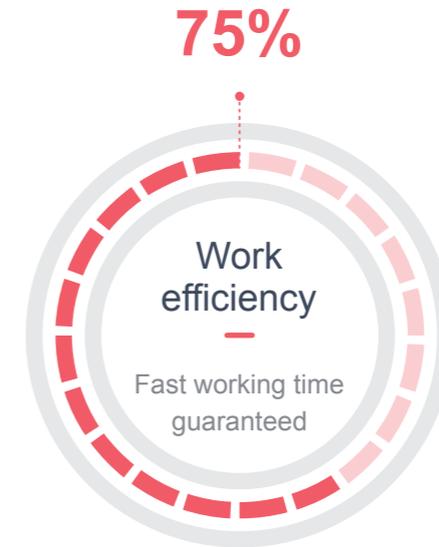


solarzon™ provides the fastest wiring method

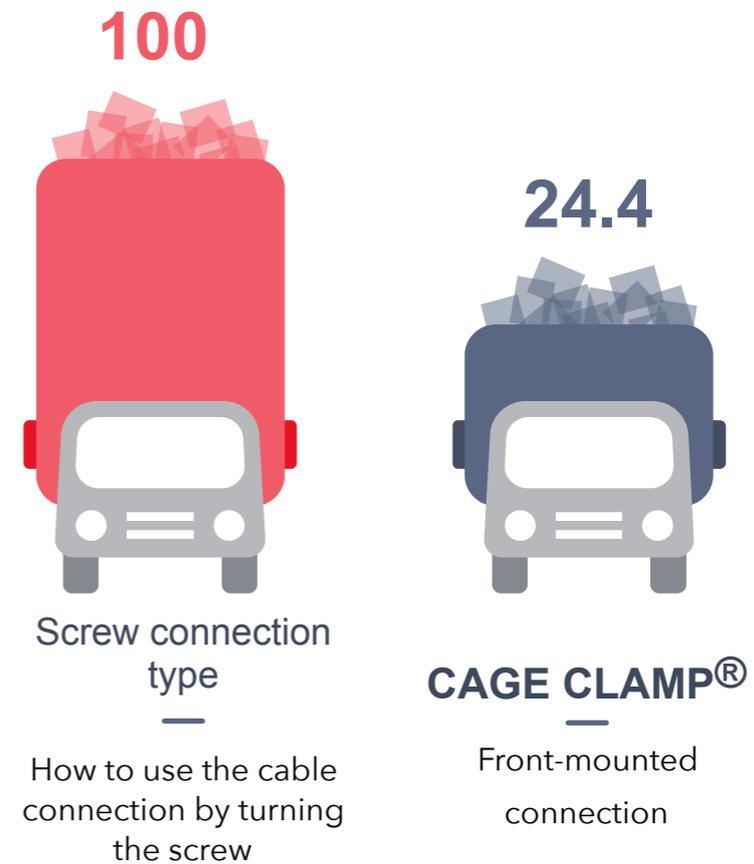
World-class WAGE® CAGE CLAMP® technology reduces work time by 75% compared to screw tightening

1 Increase work efficiency

It offers the ultimate in reliability and a fast connection method that can easily finish many tasks



Average passive wiring time per MTM (method time measurement)



[source: WAGO]

Core Features

solarzon™ is a revolutionary technology-based IoT device

Slim size, easy installation

147mm (H) x 46mm (W) x 27mm (D)
Compact one size easily anywhere
Installation is possible

External Switch Support

Non-voltage contact switch
(Dry Contact)
Supports external switch connection

Two LEDs to grasp the status at a glance

WiFi connection status and server connection status
offering two status LEDs at a glance

Innovative WiFi configuration technology

Information on the screen light of the smartphone Innovative technology
delivering Adopted BlinkUp™

WAGO® cable connector

Three times larger than existing screw-in
type connectors Apply WAGE®
CAGECLAMP® technology to speed up
your work

High sensitivity antenna adoption

High sensitivity antenna working on fine
signals

Compatible with all motors regardless of manufacturer

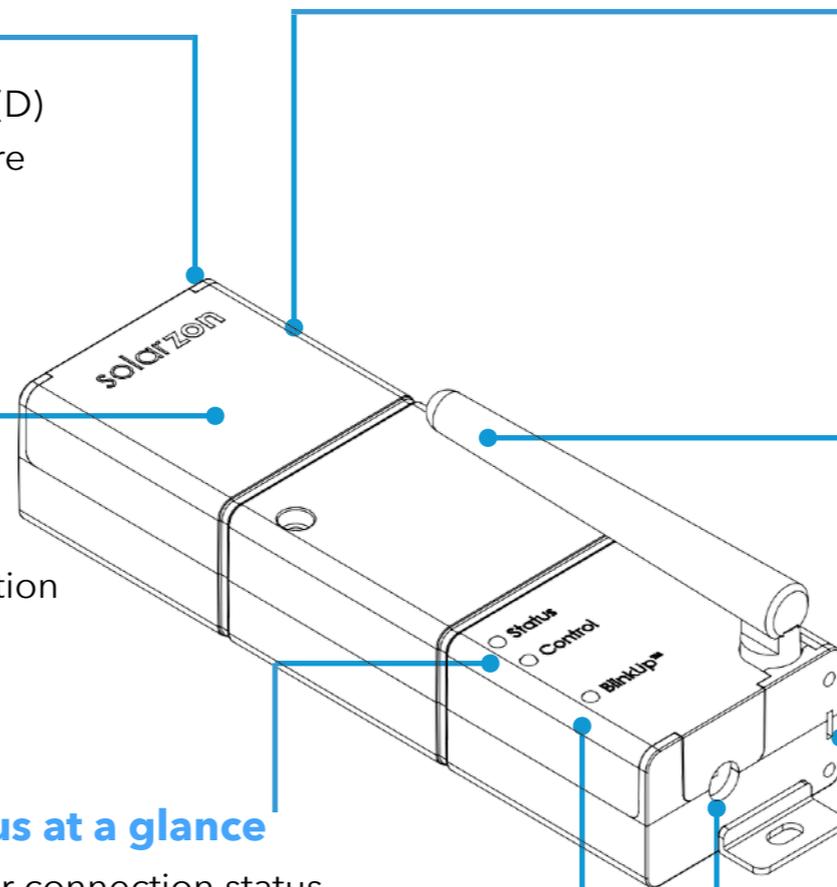
Regardless of manufacturer, external
receiver compatible with all motors

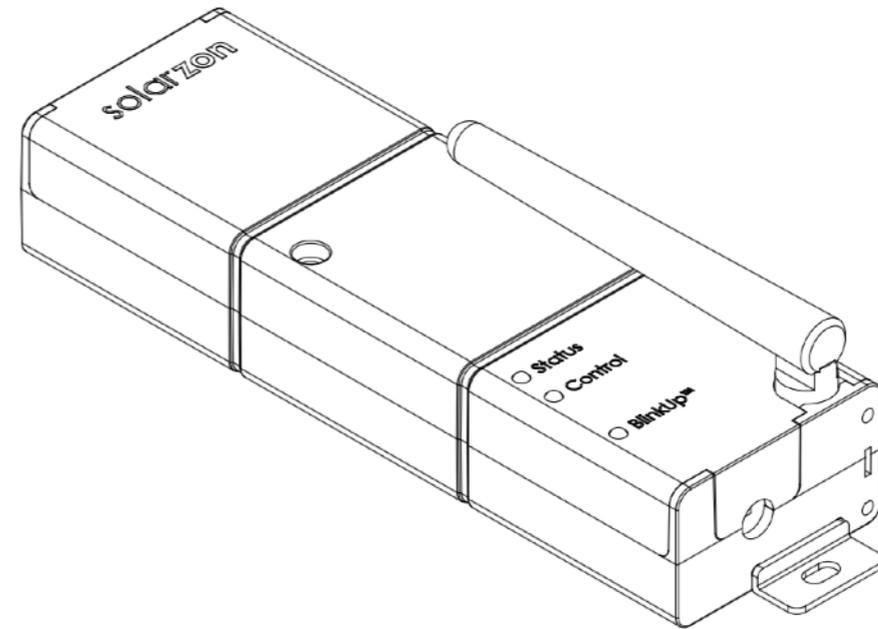
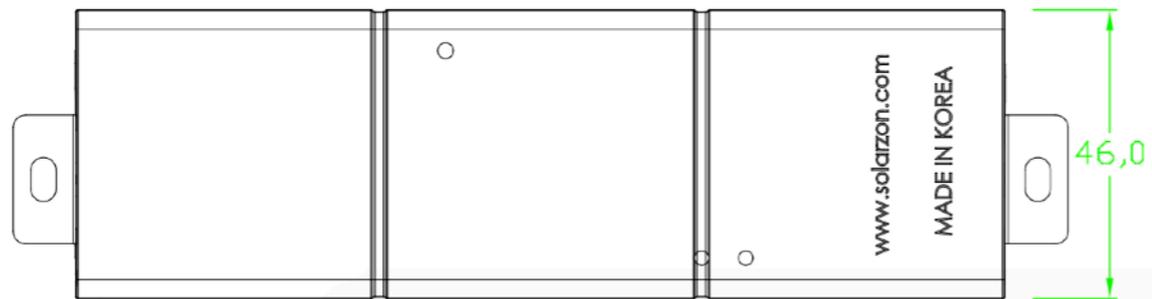
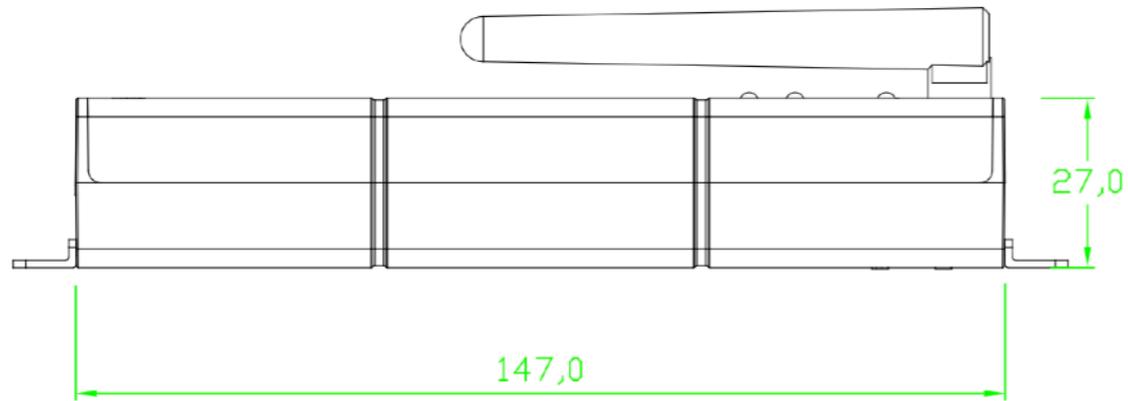
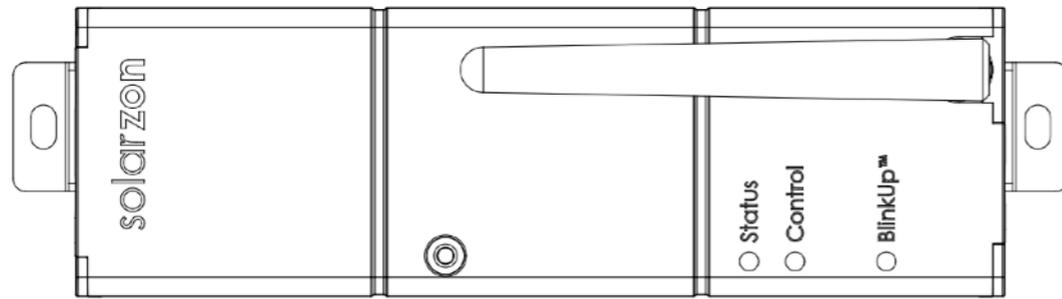
⚠ supported 5A or less

Free Voltage Support

Built-in SMPS supports 100V ~ 240V Input

⚠ power and motor power must match

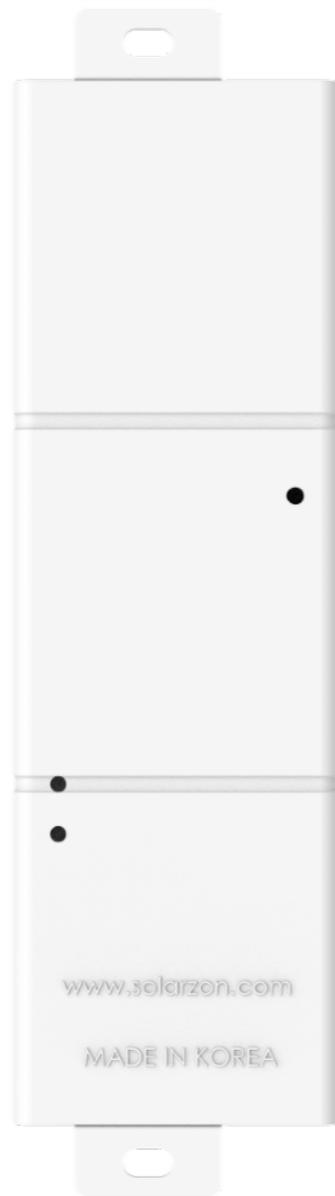




Front



Back



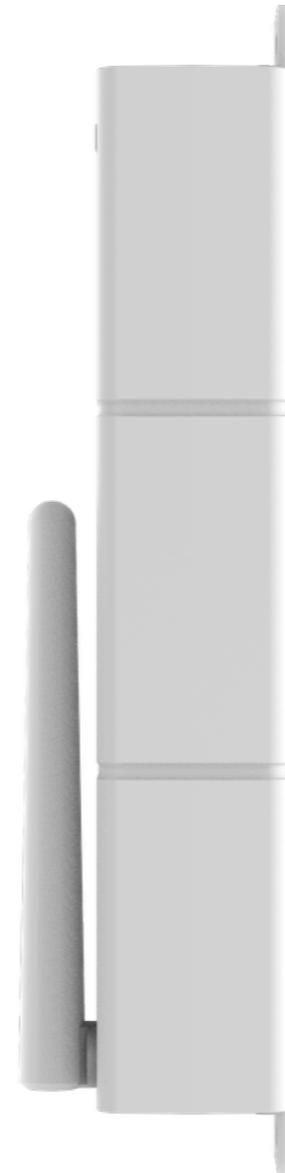
Top



Bottom



Left

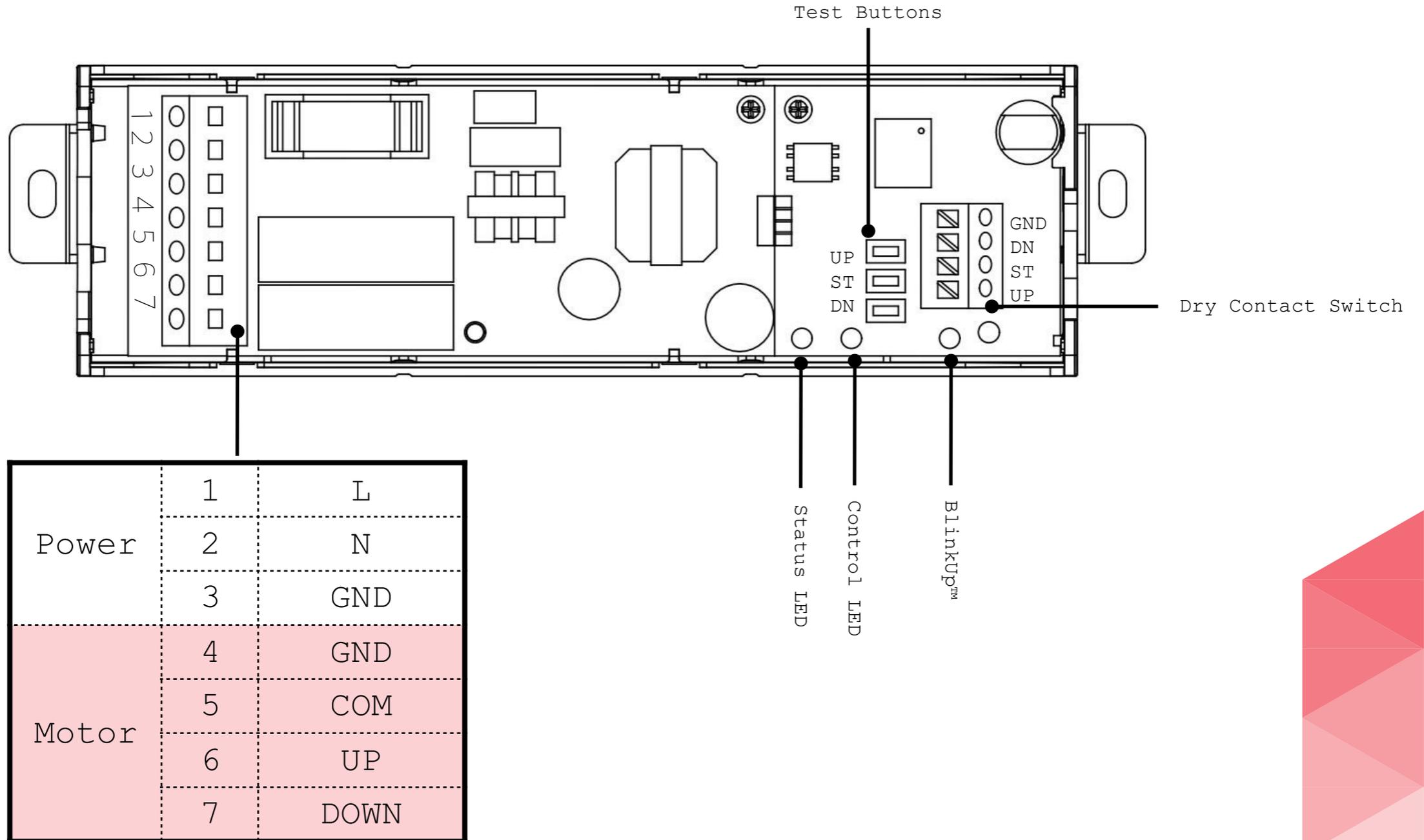


Right



1 Test Button

Test Up, Down, and Stop with three built-in test buttons



Dimension

147mm(H) x 46mm(W) x 27mm(D)

Power

100V - 240V, 50/60Hz

Warranty

Free one-year warranty

WiFi

802.11 b/g/n WiFi (2.4GHz, 20MHz channels)

Fuse Type

8A, 218008(Littlefuse)

Operating temp

-10°C ~ 50°C

Status LED

2 LED (WiFi Status, Control Status)

Supported motors

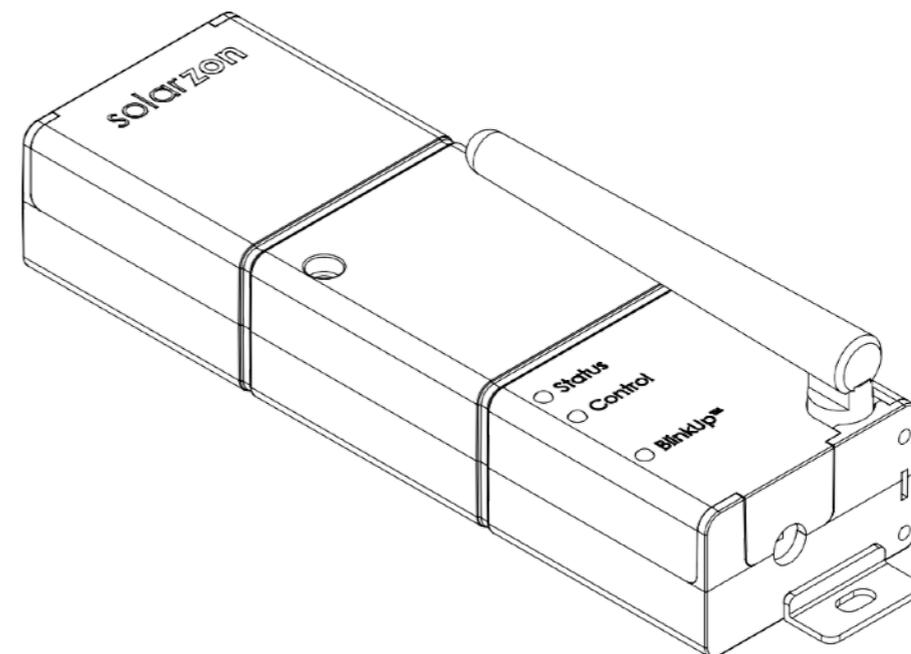
MAX 1A

Location

Indoor

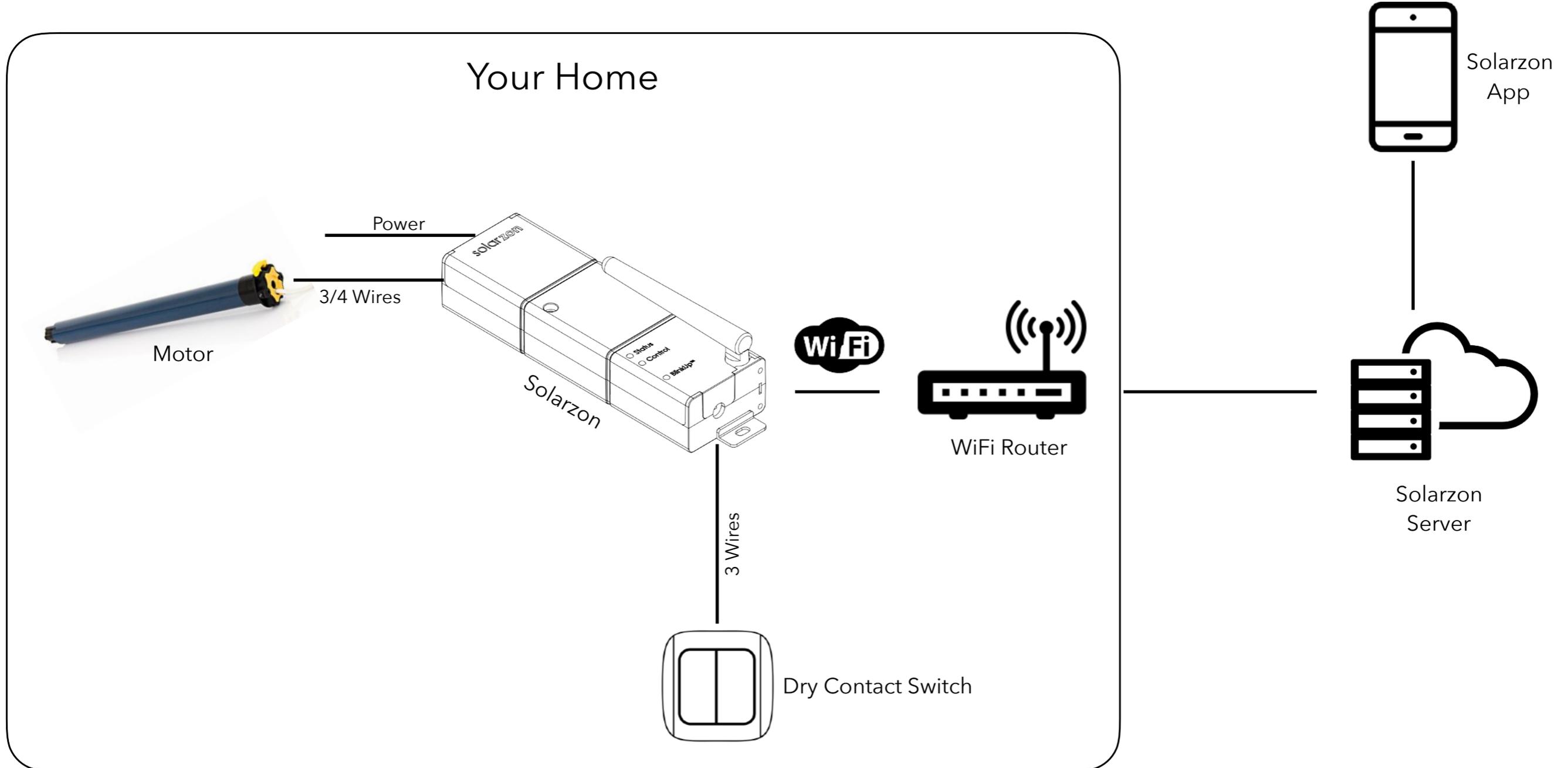
External switch type

Dry contact type



1 Caution

Recommended to use contact switch in case of network disconnection





solarzon™

The fastest way to control your openings and closures



www.solarzon.com