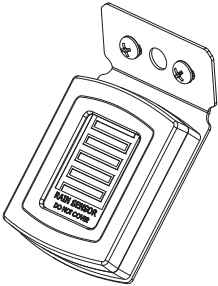
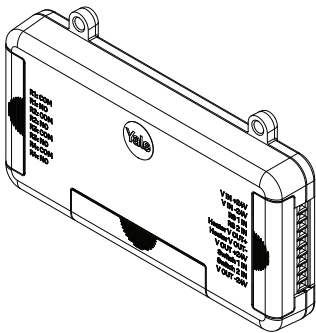
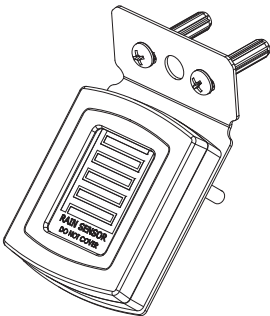
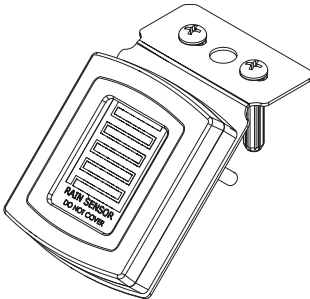
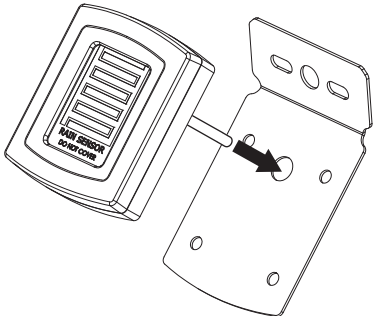
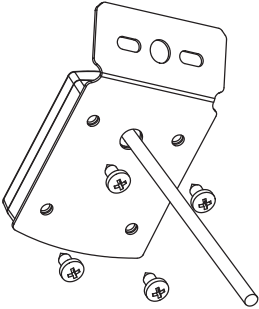
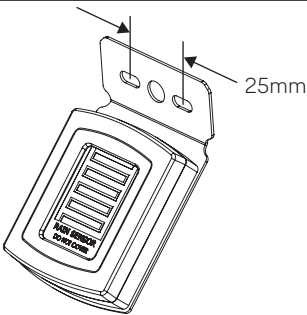
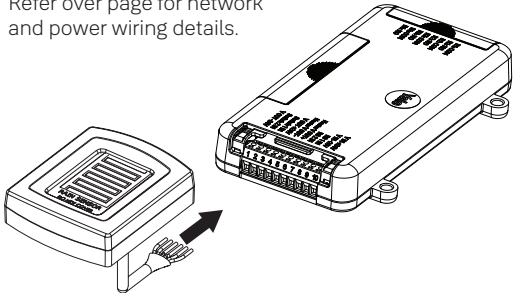
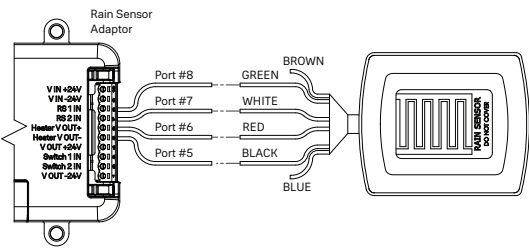
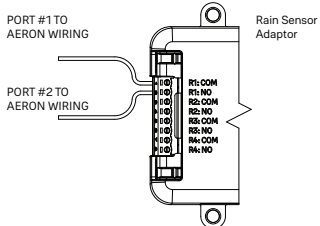
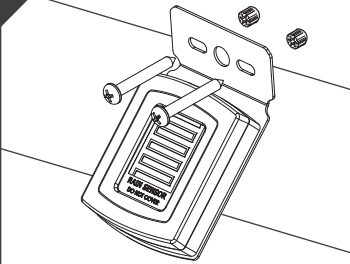


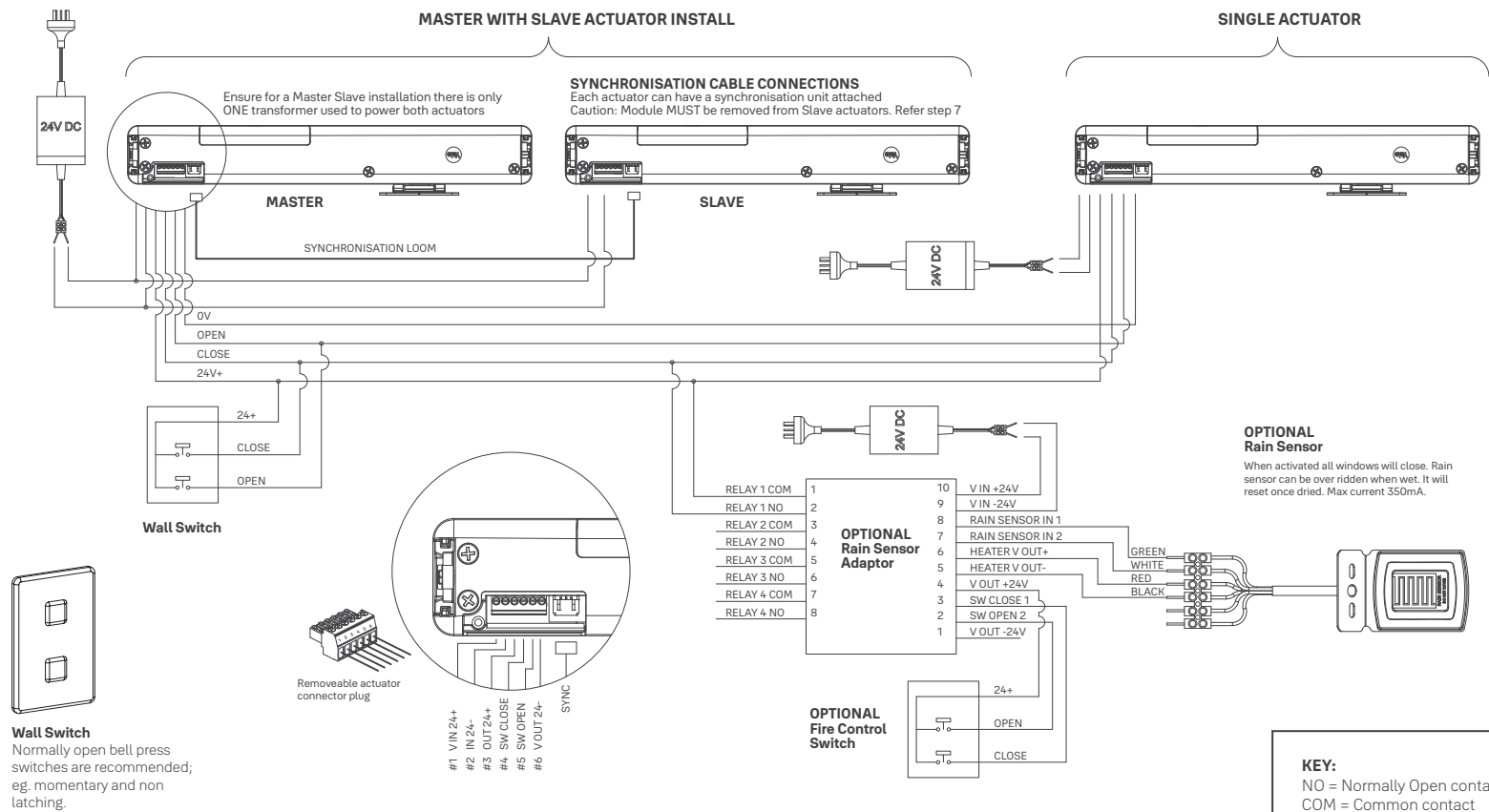
Aeron Rain Sensor and Adaptor  
Installation Instructions



		Items Supplied	Tools Required
		<ul style="list-style-type: none"><li>Rain Sensor</li><li>Rain Sensor Adaptor</li><li>Mounting Bracket</li><li>Sensor-Bracket Screws (x4)</li><li>Wall Plugs (x2)</li><li>Wall Mounting Screws (x2)</li><li>Fixing Screws (x4)</li></ul>	<ul style="list-style-type: none"><li>Phillips Head Screwdriver</li><li>Pencil</li><li>Rule</li><li>6mm Masonry Drill Bit (Concrete/Brick)</li><li>3mm Drill Bit (Wood/Aluminium)</li><li>Power Drill</li><li>Small Flathead Screwdriver</li></ul>
<b>1 Wall/Vertical Fixing</b>		<b>2 Feed Cable through Bracket</b>	
			
Determine fixing orientation of the Mounting Bracket. Do not install in areas where objects will cover the sensor and affect the sensitivity. e.g. Under open windows, under large eaves or under sills.		Feed the cable through the hole in the Mounting Bracket.	
<b>3 Sensor to Bracket</b>	<b>4 Mark and drill Mounting Bracket</b>	<b>5 Connect to Rain Sensor Adaptor</b>	
			
Secure the Rain Sensor to the Mounting Bracket with the 4 short pan head screws supplied.	Use 6mm masonry drill bit for brick/concrete. For timber/aluminium, pre drill 3mm hole. Drill at least 25mm deep.	Refer over page for network and power wiring details.  Rain sensor adaptor must be secured internally in an accessible location e.g. wall or roof cavity. Ensure any outdoor connections are sealed.	
<b>6 Connection Details (Rain sensor)</b>	<b>7 Connection Details (To Actuator wiring)</b>	<b>8 Mount</b>	
			
Remove connection port covers. When connecting the Rain Sensor cable to the Rain Sensor Adaptor ports, ensure correct connection between colour cable and ports.	When connecting the Rain Sensor Adaptor to the window actuators, ensure correct connection between colour cable and ports. Reinststate the connection port covers.	Insert wall plugs (brick/concrete only). Align the mounting bracket to holes and affix using the two long pan head screws supplied.	



# WALL SWITCH CIRCUIT DIAGRAM



## FREQUENTLY ASKED QUESTIONS

- **Can a Rain Sensor control individual windows?**  
A rain sensor will control all the windows on the hard wired system it is connected to.
- **Will my windows re-open automatically once the rain has stopped?**  
No. You will need to press the open button to reopen the windows.
- **Can I override a Rain Sensor that has closed the windows?**  
Yes. However the rain sensor will not reactivate until it has dried and reset.

## GENERAL NOTES

- A wall switch can operate a maximum of 10 actuators per circuit. For optimal performance, AWG26 cable is recommended with 30m maximum run lengths. A maximum of 1 rain sensor and Adaptor can be connected per system.
- **Smart Home Application:**  
"Smart Home" applications are NON-STANDARD and require particular features to operate with this system. Replace wall switch connections with two relays. Follow basic function steps to activate and control the system. Ensure activation time is at least two seconds.

## IMPORTANT NOTES

**Calibration:**  
**The system must be calibrated before use.** Power up the system, after 10 seconds press the open/close switch. The windows will open 50mm and then close. **Wait at least 10 seconds once the window is closed, then operate the unit to one full open and close cycle to complete the calibration. The above calibration steps need to be performed every time the actuator/s loses power.**

**Note:** If a window stops during calibration, it means that it has 'safety' stopped due to too much load. Press the close switch. Remove the obstruction. Then press the open switch to continue.

**Wall Switch Basic Function:**  
Press the open switch for at least 2 seconds to open the windows. Press the close switch for at least 2 seconds to close the windows. Press any switch for at least 2 seconds to stop the windows.

## POWER CABLE REQUIREMENTS

Length (m)	Wire Ø Min	AWG
12	0.7mm	22
19	0.8mm	20
29	1.0mm	18
47	1.3mm	16
74	1.6mm	14
119	2.0mm	12

## TECHNICAL SPECIFICATION

Input Voltage	24-32V DC
Maximum Current	350mA per Rain Sensor and Adaptor
Operating Temperature	0° - 50° C
Humidity	0% - 95%
Wall Switch Cable Length	30m Max



- Aeron Window Actuators and rain sensor should always be installed by a qualified professional.
- Only to be used on out of reach windows