



# 14. ELECTRICAL WIRING DIAGRAMS

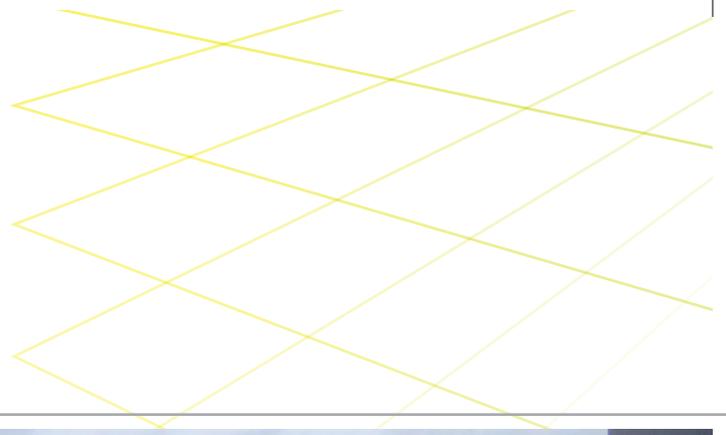
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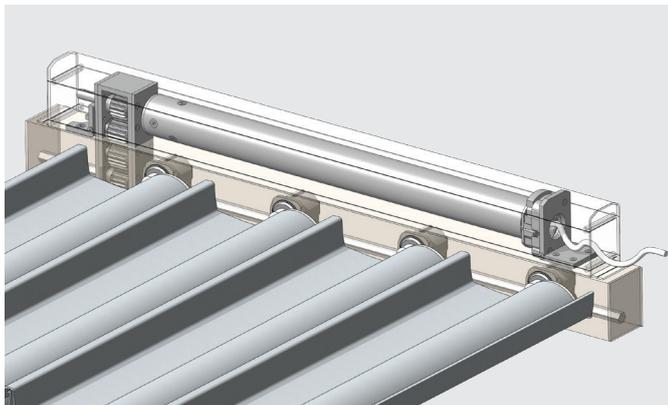
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WIRING DIAGRAMS WELCOME

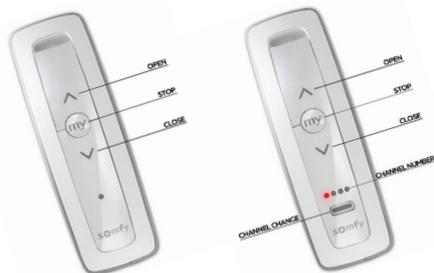




SOMFY TUBULAR MOTOR



SOMFY TUBULAR MOTOR INSITU

SOMFY RTS CONTROLLERS  
SINGLE & MULTIPLE

SOMFY TELIS 16 CHANNEL RETRACT ROOF REMOTE

## WIRING DIAGRAMS

### Overview

The Wiring Diagrams shown in this Design Manual cover a wide range of typical Louvretec motorised and electrical installations.

They provide the specific wiring details as required by architects, designers, builders and specifiers when planning Louvretec installations, and of course for electricians when providing connections.

Please contact your nearest Louvretec Dealer to discuss any customised options not currently shown.

### Important Safety Instructions for Installation

An incorrect installation could lead to serious injury. Follow all of these instructions as well as those supplied with the motor & controls.

- Install an Omnipolar Isolation Switch upstream with a minimum contact opening space of 3mm
- All cabling must be protected from UV and physical stress (by others)
- Motors must be installed and programmed by competent installers
- For products necessary for the safe functioning of the motorised installation, refer to your nearest Louvretec Dealer
- Use only approved accessories
- Use only approved transmitters with the RTS Motors
- Before carrying out any form of maintenance, isolate the power to the motor and/or controls
- Examine the installation at regular intervals. Do not use the installation until any faults have been rectified
- Should you have any questions regarding the installation of Motors & Controls, contact your nearest Louvretec Dealer

REMOTE CONTROL OPTIONS

LOUVRETEC MOTORISED OPENING ROOFS, RETRACT ROOFS, SUN LOUVRES, OUTDOOR BLINDS, LIGHTING, HEATING

## CURRENT REMOTE CONTROL OPTIONS FOR OPENING ROOFS & OTHER LOUVRETEC MOTORISED PRODUCTS

### Remote options

Remote Control technology is constantly changing and upgrading.

Please discuss with your local Louvretec Dealer and view our website for current updates.

Key: Remote Compatibility

- opening roofs 
- outdoor blinds 
- louvretect retract  ADI Retract Technology
- Lighting 
- sun louvres 
- Heating 

<p><b>Situo 1 &amp; Smoove 1 Wall Switch</b>                  The Situo 1 Remote by Somfy is a one-channel handheld remote using Radio Technology Somfy (RTS).                  Smoove is a wireless wall mounted switch providing the same functionality as a remote.                  Perfect for controlling a single Opening Roof.</p>	 
<p><b>Situo 5 &amp; Smoove 4 Wall Switch</b>                  The Situo 5 by Somfy is a five-channel handheld remote using Radio Technology Somfy (RTS). Perfect for controlling a group of motorised Louvretec products (excluding the Retract Roof).                  Smoove 4 is a wireless wall switch providing the same functionality as a remote but with 4 channels.                  With the addition of the BST11 Bridge, both remotes can control Lighting and Heating.</p>	 
<p><b>Telis 16</b>                  The Telis 16 is a 16-channel handheld remote using Radio Technology Somfy (RTS). Made to control a larger group of motorised Louvretec products (excluding the Retract Roof).                  The addition of a BST 11 Bridge allows this remote to control Lighting &amp; Heating.</p>	 
<p><b>Noon Duo</b>                  The Noon Duo is a 9-channel handheld remote.                  The Noon Duo allows control for Louvretec Retract Roofs, Lighting and Heating.</p>	 
<p><b>Daisy App</b>                  Daisy is an app by Teleco that allows the control of Louvretec Retract Roofs, Lighting and Heating. Download the free app and install a Daisy Box which communicates with your devices via radio signal.</p>	 
<p><b>Solar Powered</b> No power connection required, the solar powered motor can be controlled by a wireless handheld remote or a Smart Home solution. Battery has a 45-day life cycle based on two open/close cycles/ day. Algorithms for power management allow for battery charging without direct sunlight.</p>	 <p>SOLAR POWER OPTION FOR SPIRAL PIVOT OPENING ROOFS</p>

## CURRENT REMOTE CONTROL OPTIONS FOR OPENING ROOFS & OTHER LOUVRETEC MOTORISED PRODUCTS

### Remote options

Remote Control technology is constantly changing and upgrading. Please discuss with your local Louvretec Dealer and view our website for current updates.

Key: Remote Compatibility

opening roofs 	outdoor blinds 
louvretec retract 	Lighting 
sun louvres 	Heating 

<p><b>Connexoon</b> Connexoon is an app by Somfy that allows the control of Louvretec Opening Roofs from your device. The addition of a BST 11 Bridge also allows control of Louvretec Lighting &amp; Heating. Download the app &amp; install the RTS Box (plugs in to your router &amp; wall socket) which communicates with your devices via signal.</p>	  <p>BST 11 BRIDGE &amp; CONNEXOON APP BY SOMFY</p>
<p><b>TaHoma</b> Tahoma by Somfy is the central hub that connects and controls the smart home ecosystem. Convenient, intuitive &amp; easy to configure across a wide range of smart home systems.</p>	  <p>TAHOMA CENTRAL HUB</p>
<p><b>BMS</b> A Building Management System (BMS) is a pad from which you can manage a home's shading, heating, cooling, ventilation &amp; lighting controls. Louvretec Opening Roofs can be integrated into a home or building's BMS. Retract Roof, Heating &amp; Lighting can be integrated via an RS232 Transmitter.</p>	  <p>BUILDING MANAGEMENT SYSTEM (BMS)</p>
<p><b>Hard Wired Switch</b> A Somfy Hard Wired Switch provides control of a motorised Opening Roof via a 230v wall switch wired directly to the motor.</p>	  <p>SOMFY SWITCH FOR AN OPENING ROOF</p>
<p><b>Wall Mounted Remote</b> A Teleco Wall Mounted Remote provides control of a single Retract Roof, LED Lights, or a Dimmable Heater.</p>	  <p>TELECO WALL MOUNTED REMOTE FOR A RETRACT ROOF</p>

## RAIN SENSOR OPTION

### Teleco Wired Rain102H

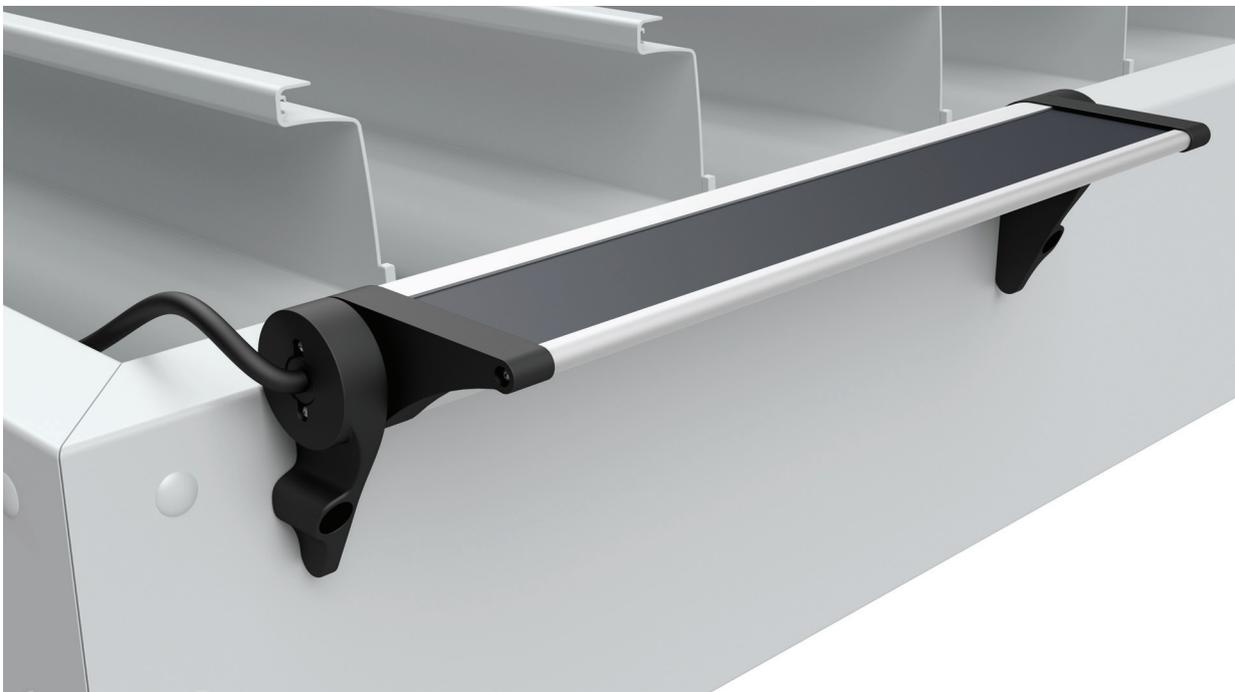
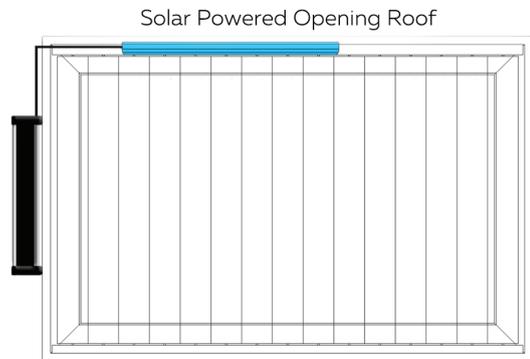
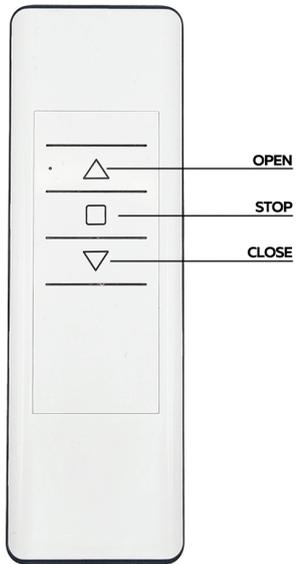
The Rain102H by Teleco Rain Sensor can be programmed to automatically close the Louvres & includes integrated heating function for preventing false activation in case of ice and snow.



TELECO RAIN SENSOR

**WIRING DETAIL : SINGLE SOLAR POWERED MOTOR & REMOTE**

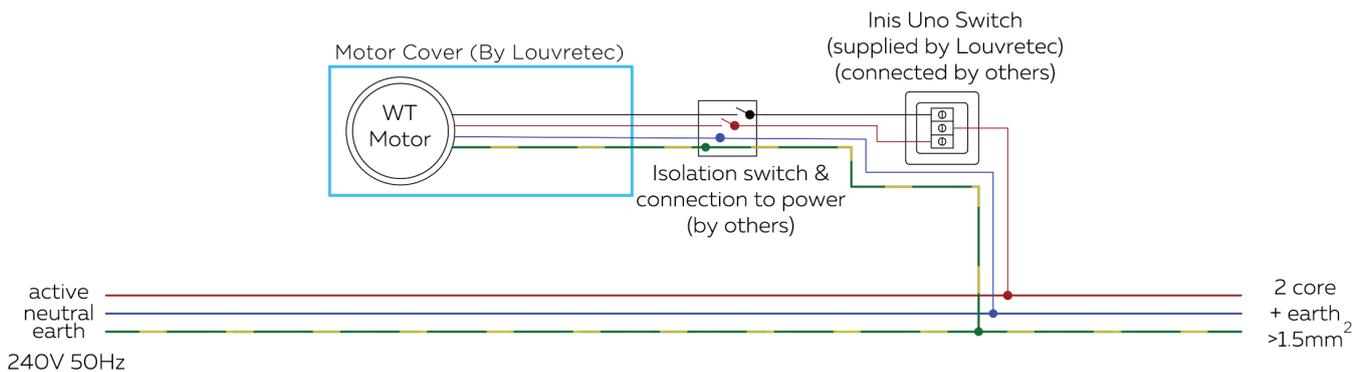
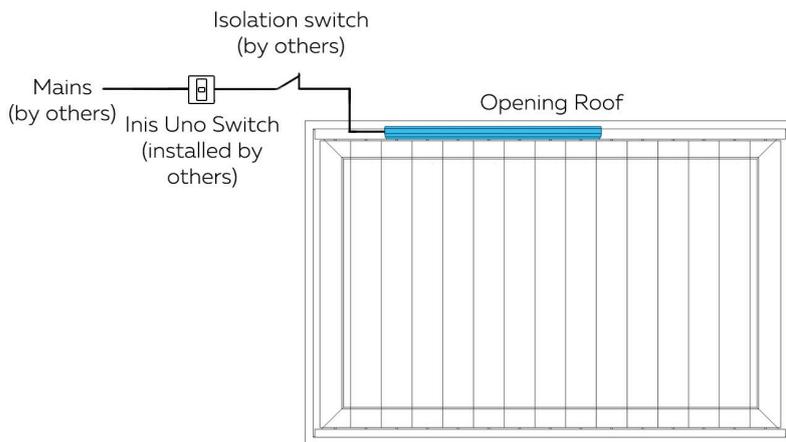
**SOLARROOF**



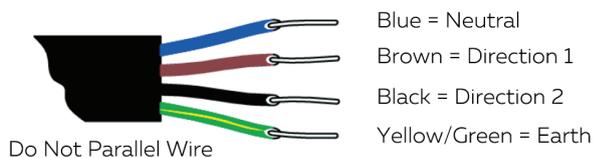
BATTERY INCLUDED IN SOLAR PANEL

## WIRING DETAIL : SINGLE SOMFY WT MOTOR & SOMFY SWITCH

### OPENING ROOF



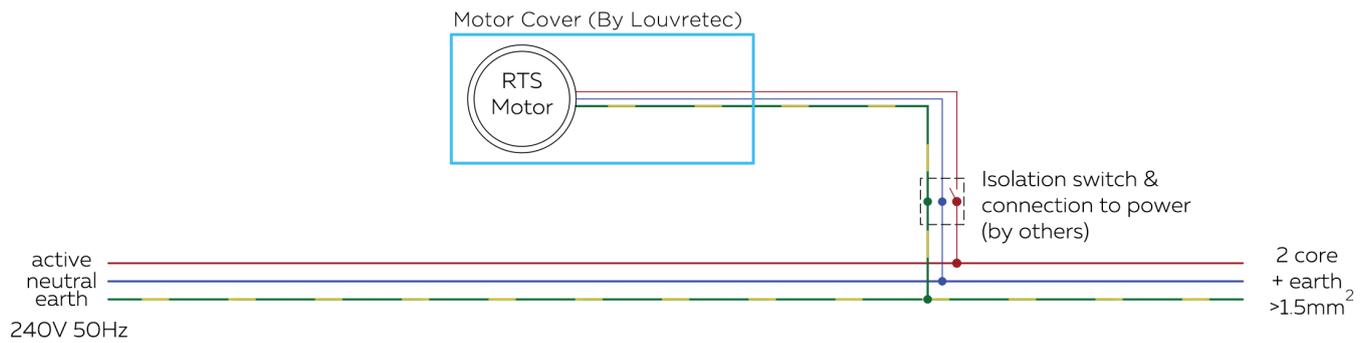
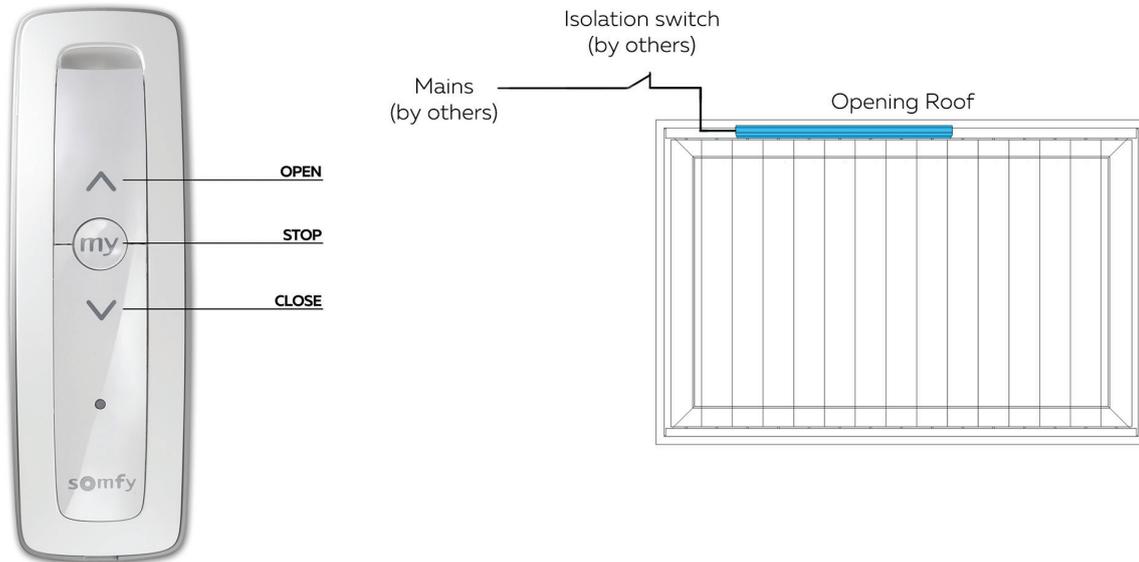
### Cable protection (physical & UV) by others



Cable Required	4 core double insulated heavy duty flex 4 x 1.5mm
Voltage	230–240V/50Hz
Rated Current	0.8 Amps per motor
Current Consumption	170 Watts per motor

**WIRING DETAIL : SINGLE SOMFY RTS MOTOR & SOMFY REMOTE**

**OPENING ROOF**



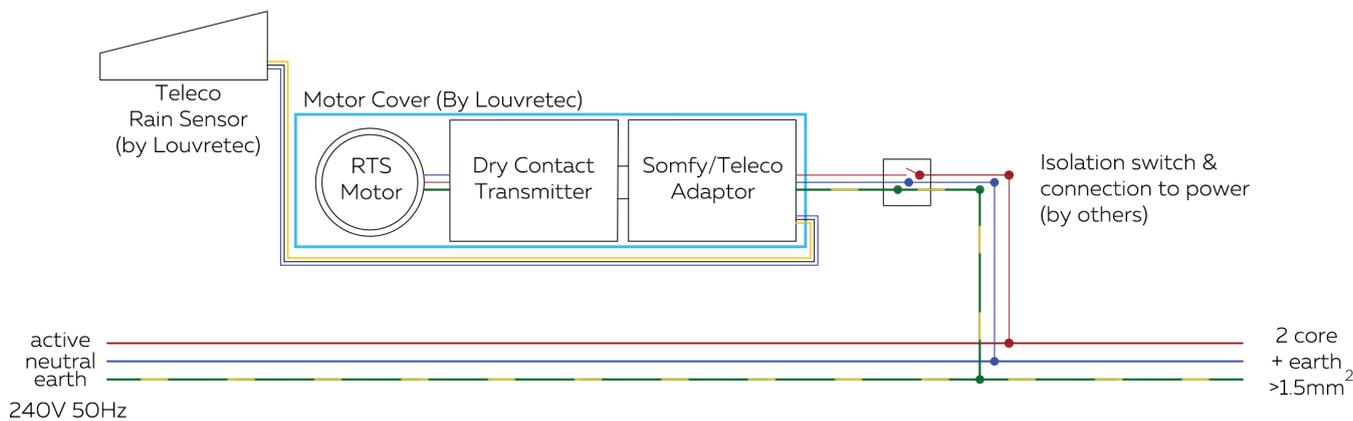
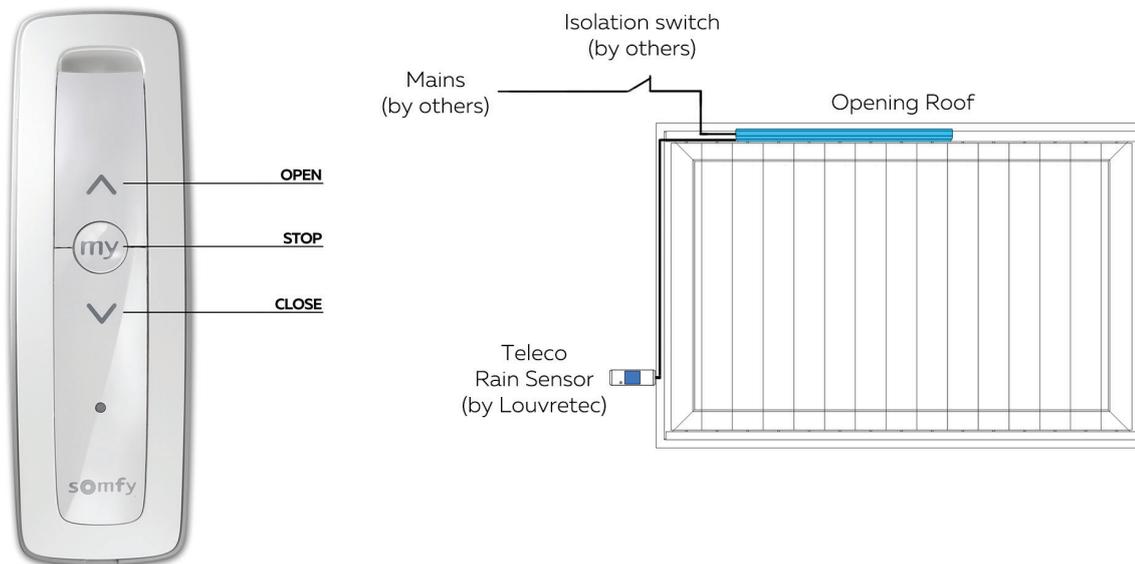
Cable protection (physical & UV) by others



Cable Required	3 core double insulated heavy duty flex 3 x 1.5mm
Voltage	230–240V/50Hz
Rated Current	0.8 Amps
Current Consumption	170 Watts

**WIRING DETAIL : SINGLE SOMFY RTS MOTOR WITH LOUVRETEC/TELECO RAIN SENSOR ADAPTOR & SOMFY REMOTE**

**OPENING ROOF**



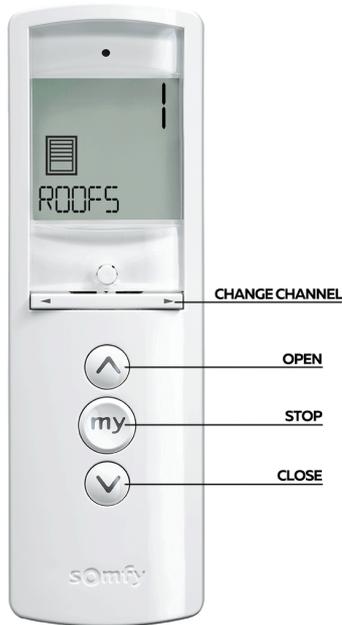
Cable protection (physical & UV) by others



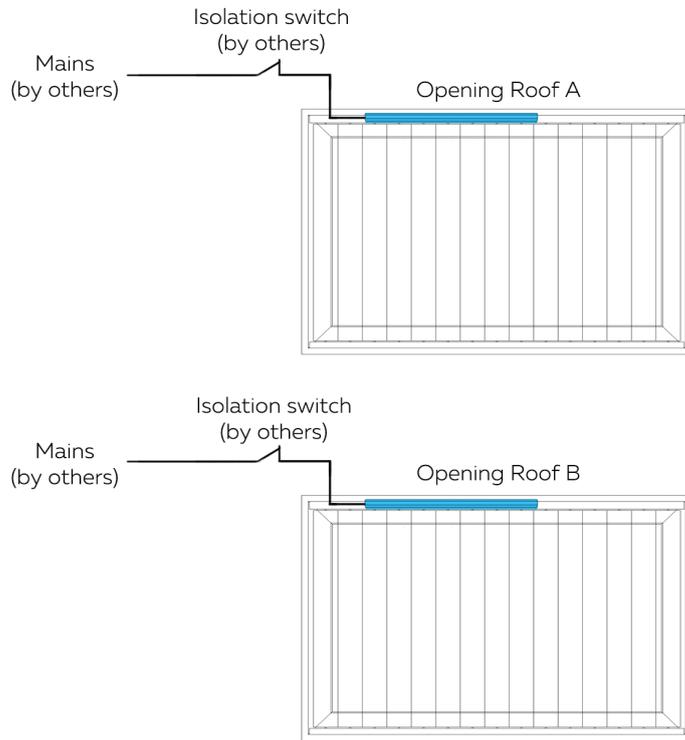
Cable Required	3 core double insulated heavy duty flex 3 x 1.5mm
Voltage	230–240V/50Hz
Rated Current	0.8 Amps
Current Consumption	170 Watts

**WIRING DETAIL : MULTIPLE SOMFY RTS MOTORS & SOMFY REMOTE (OPENING ROOFS)**

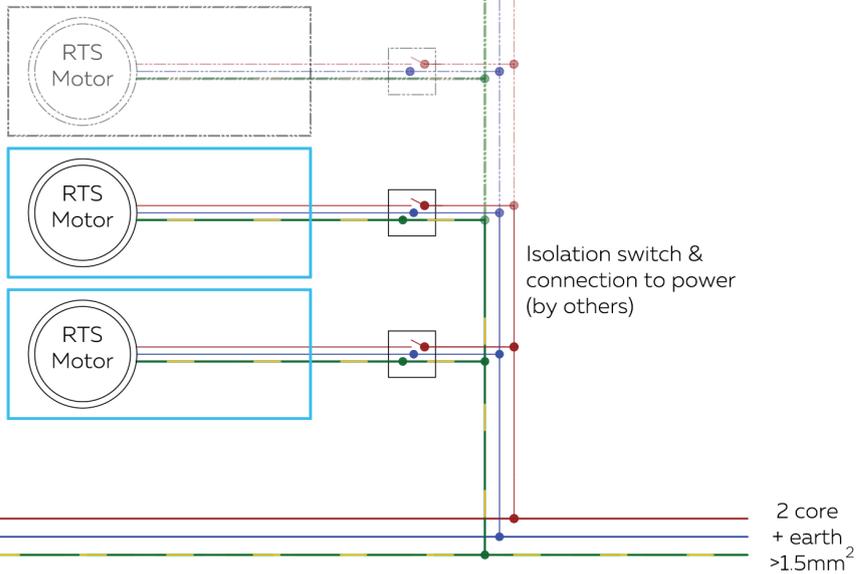
**OPENING ROOF**



Channel 1: Roofs (all)  
Channel 2: Roof A  
Channel 3: Roof B

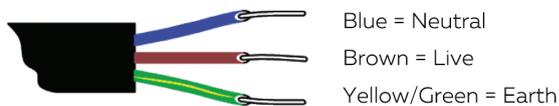


Up to 5 Channels Available



240V 50Hz

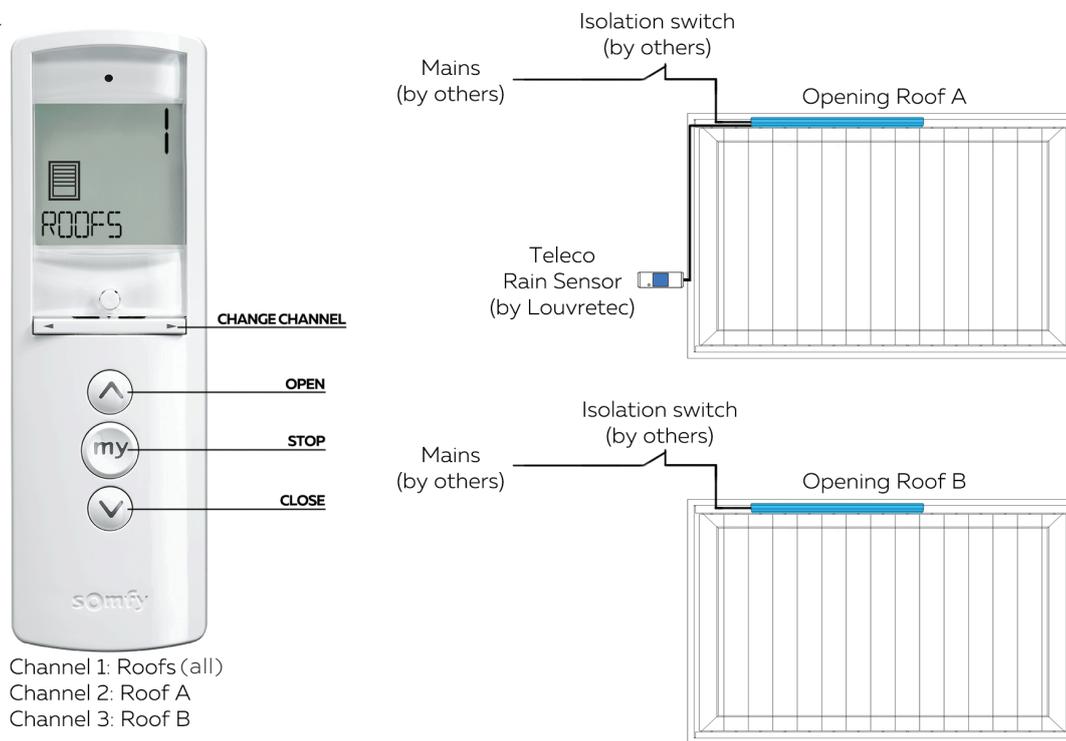
Cable protection (physical & UV) by others



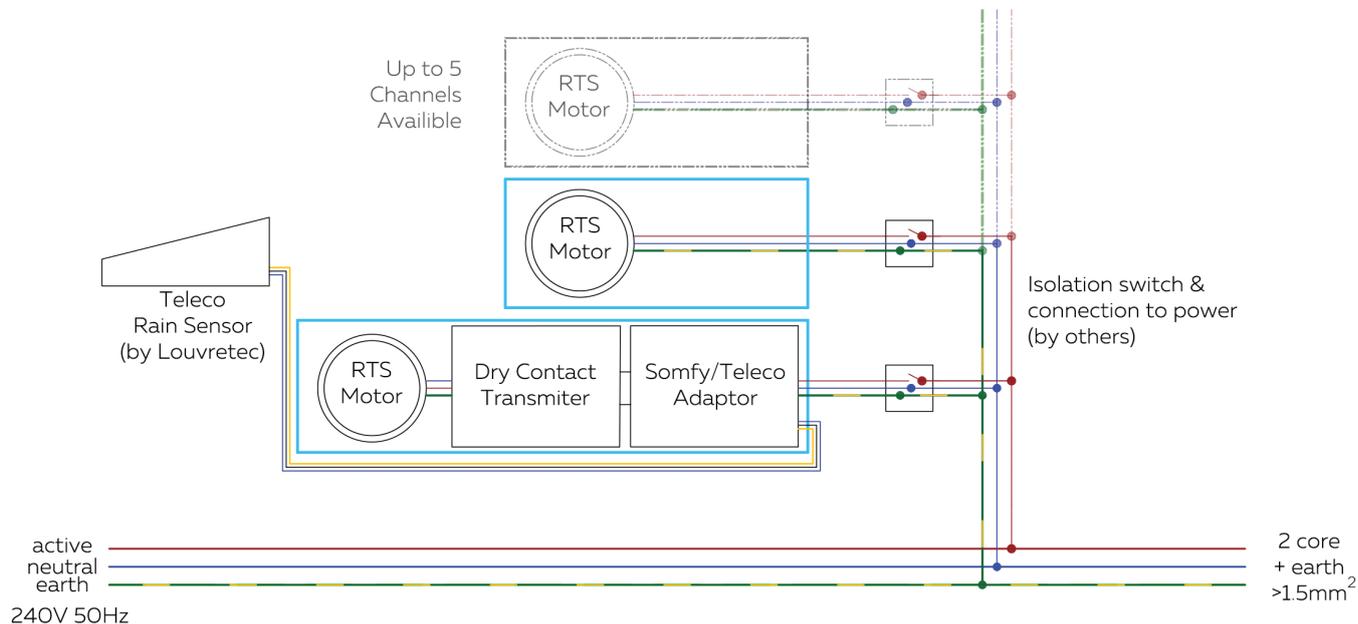
Cable Required	3 core double insulated heavy duty flex 3 x 1.5mm
Voltage	230–240V/50Hz
Rated Current	0.8 Amps per motor
Current Consumption	170 Watts per motor

**WIRING DETAIL : MULTIPLE SOMFY RTS MOTORS WITH LOUVRETEC/TELECO RAIN SENSOR ADAPTOR & SOMFY REMOTE (OPENING ROOFS)**

**OPENING ROOF**



**RAIN SENSOR CONTROLS ALL ROOFS**



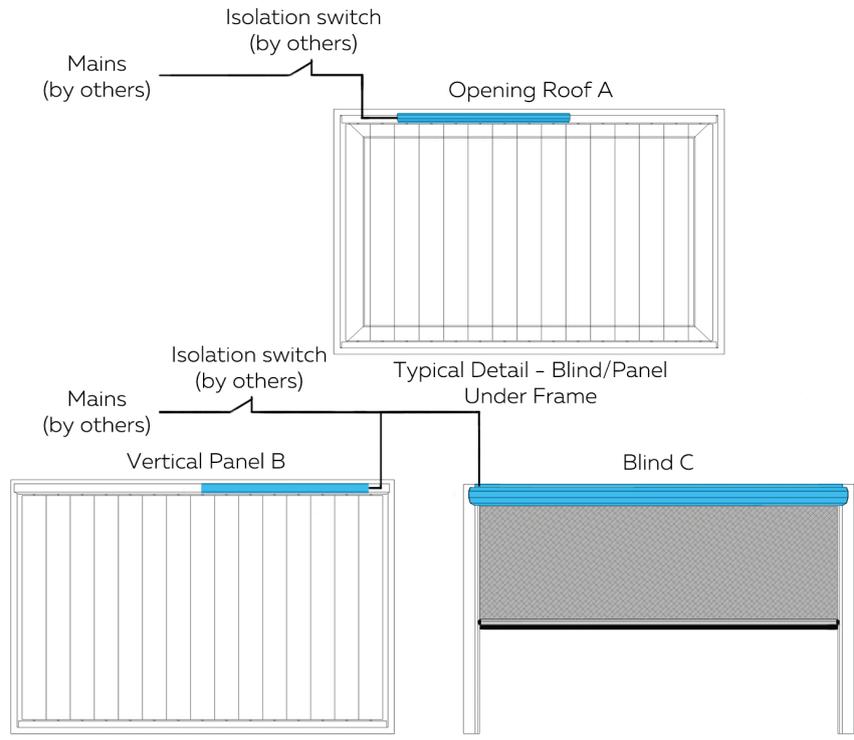
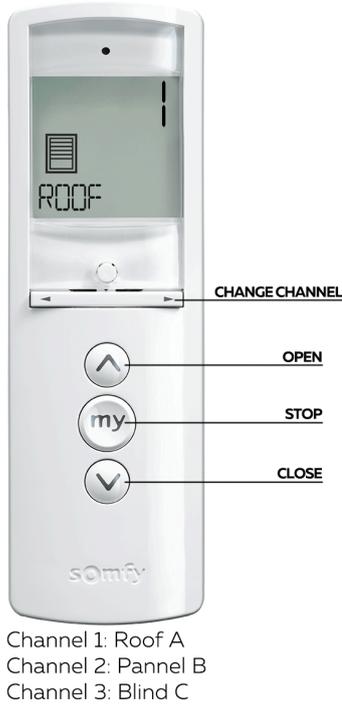
Cable protection (physical & UV) by others



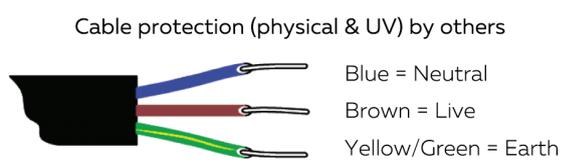
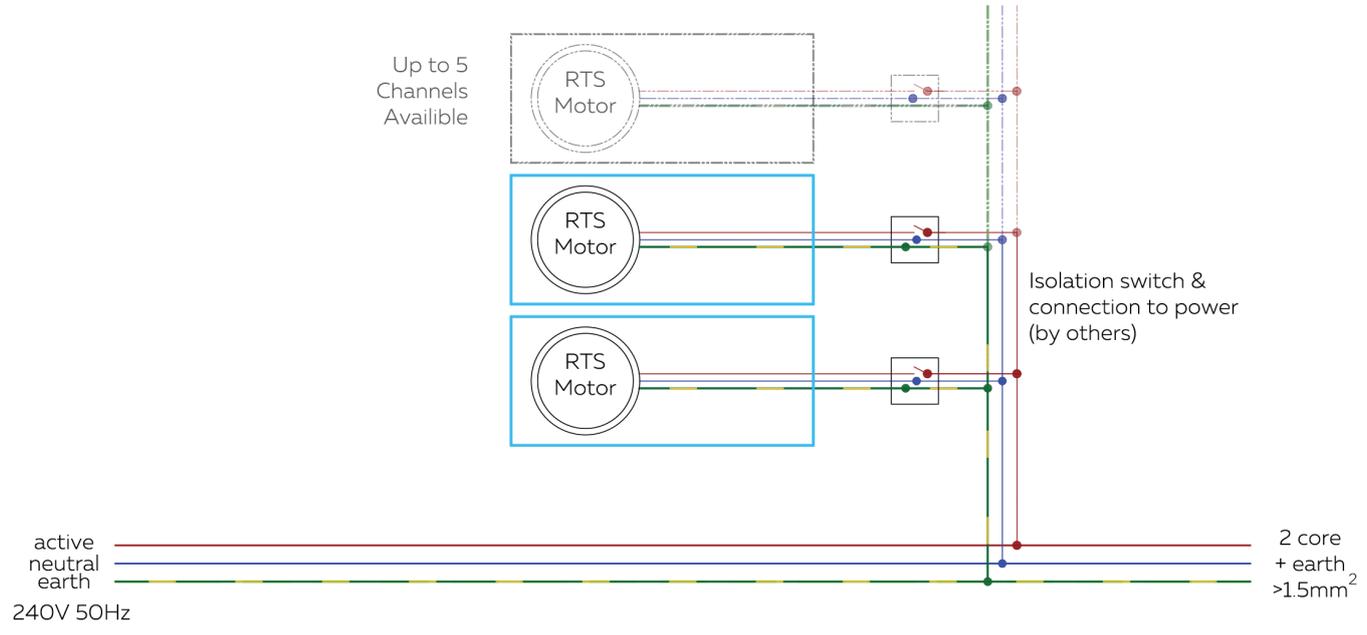
Cable Required	3 core double insulated heavy duty flex 3 x 1.5mm
Voltage	230–240V/50Hz
Rated Current	0.8 Amps per motor
Current Consumption	170 Watts per motor

**WIRING DETAIL : MULTIPLE SOMFY RTS MOTORS & SOMFY REMOTE  
(OPENING ROOF, PANEL & OUTDOOR BLIND)**

**OPENING ROOF**



Up to 5 Channels Available



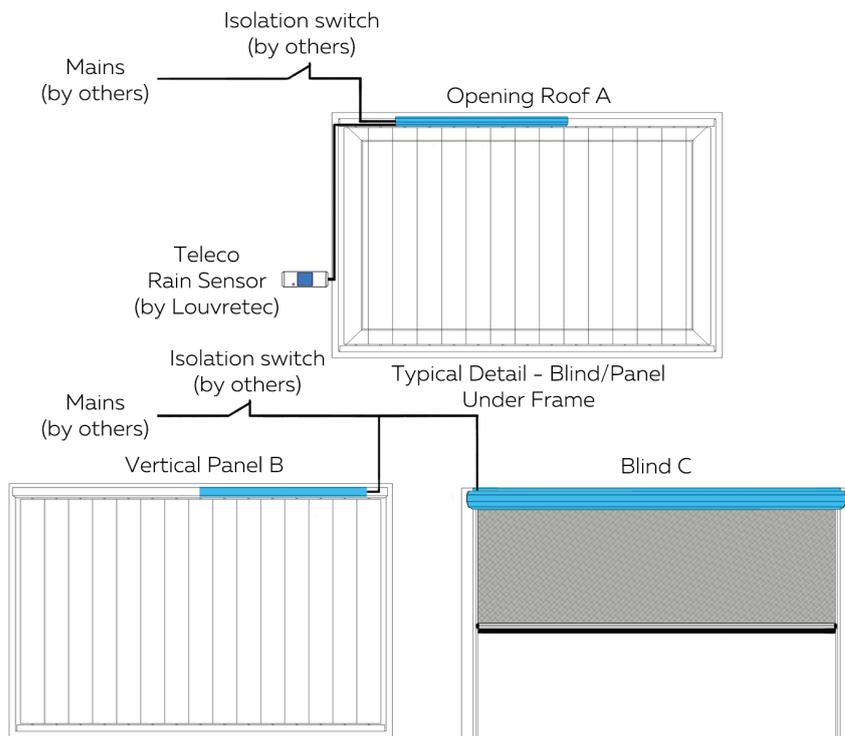
Cable Required	3 core double insulated heavy duty flex 3 x 1.5mm
Voltage	230–240V/50Hz
Rated Current	0.8 Amps per motor
Current Consumption	170 Watts per motor

**WIRING DETAIL : MULTIPLE SOMFY RTS MOTORS WITH LOUVRETEC/TELECO RAIN SENSOR ADAPTOR & SOMFY REMOTE (OPENING ROOF, PANEL & OUTDOOR BLIND)**

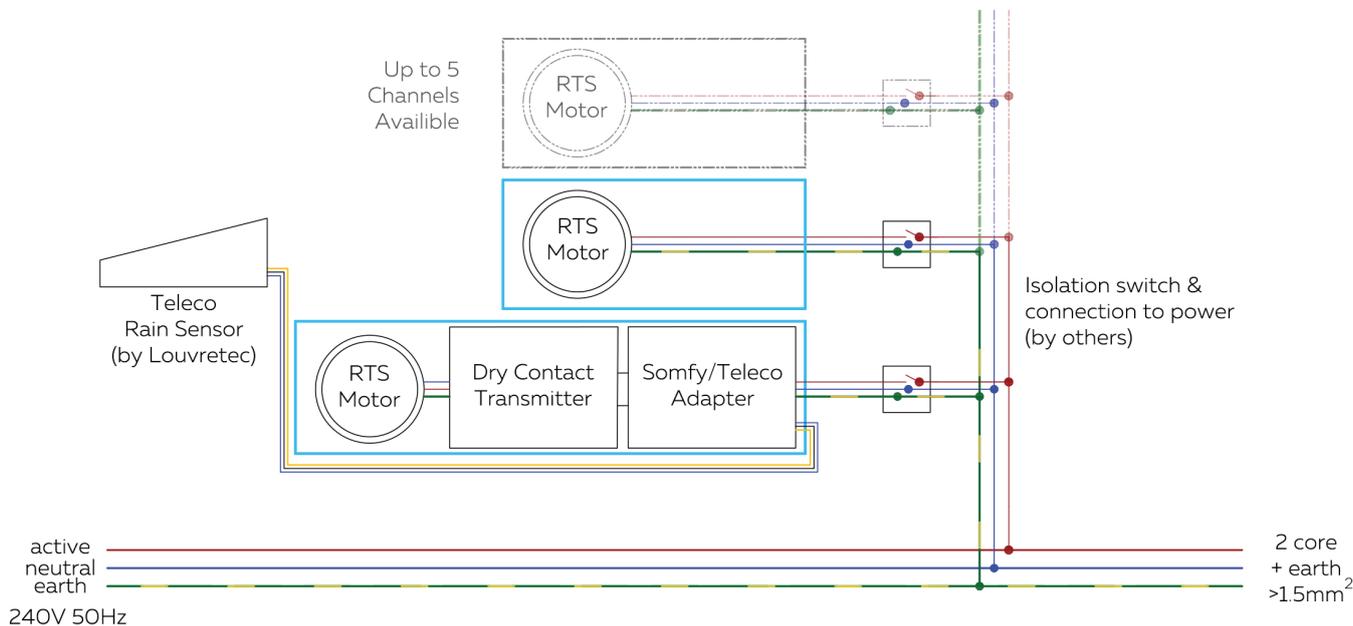
**OPENING ROOF**



Channel 1: Roof A  
Channel 2: Pannel B  
Channel 3: Blind C



**RAIN SENSOR CONTROLS ALL ROOFS**



Cable protection (physical & UV) by others

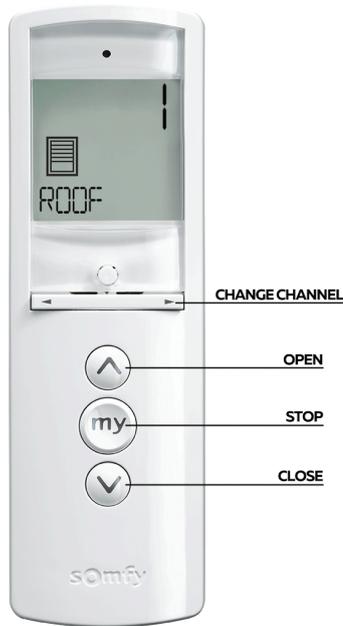


Blue = Neutral  
Brown = Live  
Yellow/Green = Earth

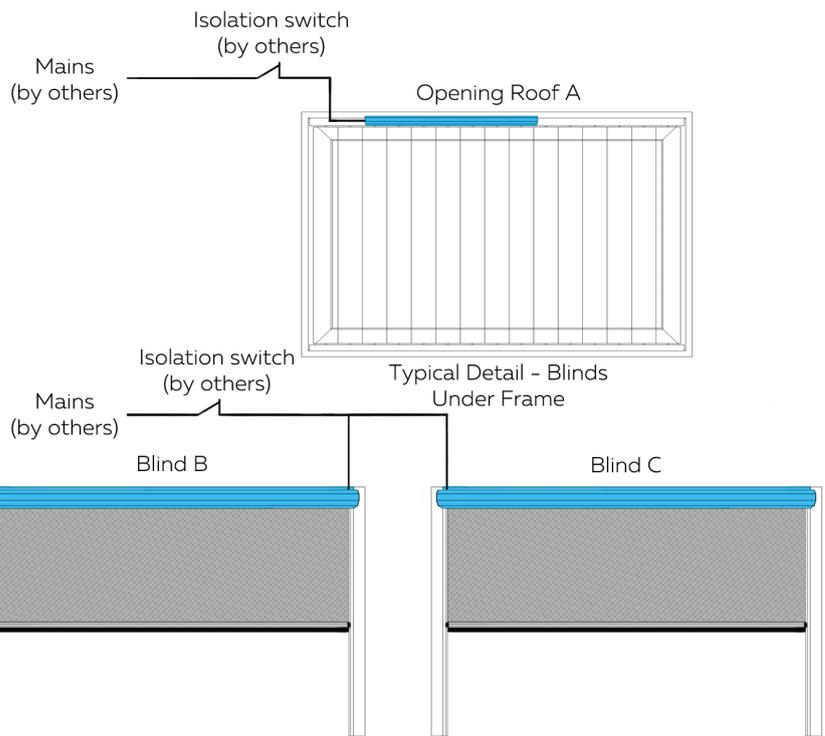
Cable Required	3 core double insulated heavy duty flex 3 x 1.5mm
Voltage	230–240V/50Hz
Rated Current	0.8 Amps per motor
Current Consumption	170 Watts per motor

**WIRING DETAIL : MULTIPLE SOMFY RTS MOTORS & SOMFY REMOTE (OPENING ROOF & OUTDOOR BLINDS)**

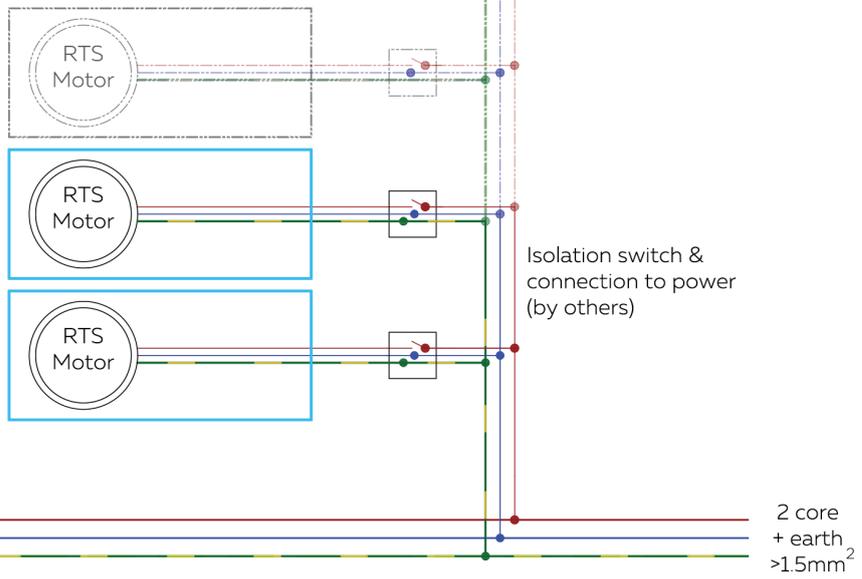
**OPENING ROOF**



Channel 1: Roof A  
Channel 2: Blind B  
Channel 3: Blind C  
Channel 4: Blinds



Up to 5 Channels Available



Cable protection (physical & UV) by others

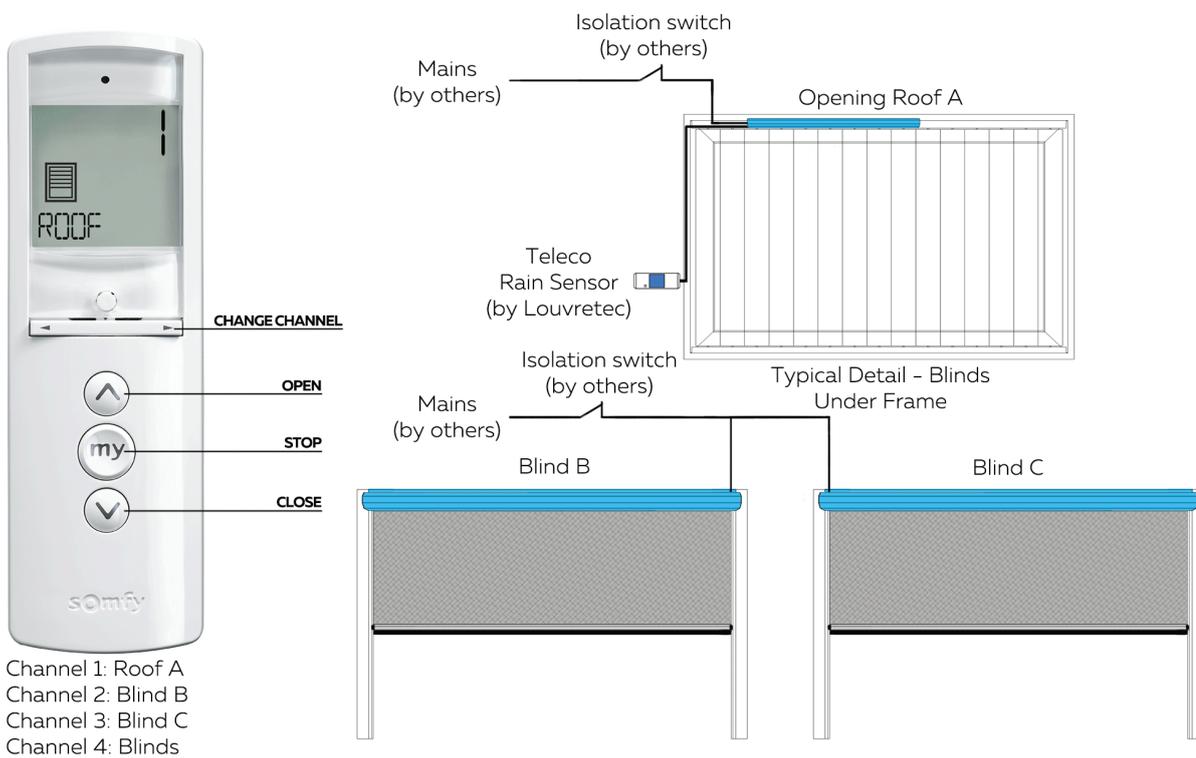


Blue = Neutral  
Brown = Live  
Yellow/Green = Earth

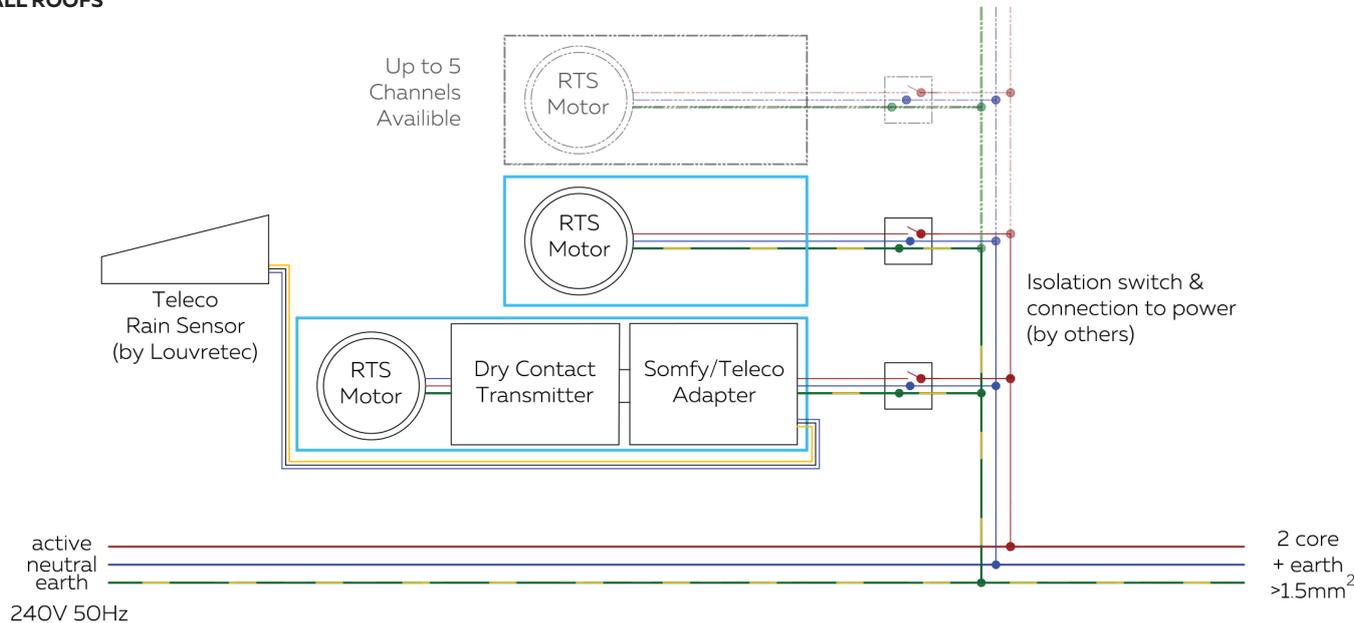
Cable Required	3 core double insulated heavy duty flex 3 x 1.5mm
Voltage	230–240V/50Hz
Rated Current	0.8 Amps per motor
Current Consumption	170 Watts per motor

**WIRING DETAIL : MULTIPLE SOMFY RTS MOTORS WITH LOUVRETEC/TELECO RAIN SENSOR ADAPTOR & SOMFY REMOTE (OPENING ROOF & OUTDOOR BLINDS)**

**OPENING ROOF**



**RAIN SENSOR CONTROLS ALL ROOFS**

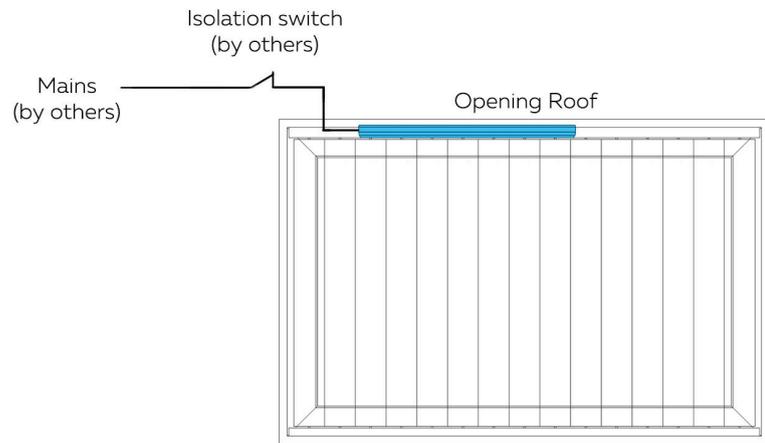
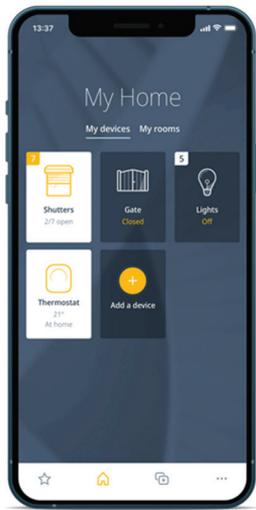


Cable protection (physical & UV) by others



Cable Required	3 core double insulated heavy duty flex 3 x 1.5mm
Voltage	230–240V/50Hz
Rated Current	0.8 Amps per motor
Current Consumption	170 Watts per motor

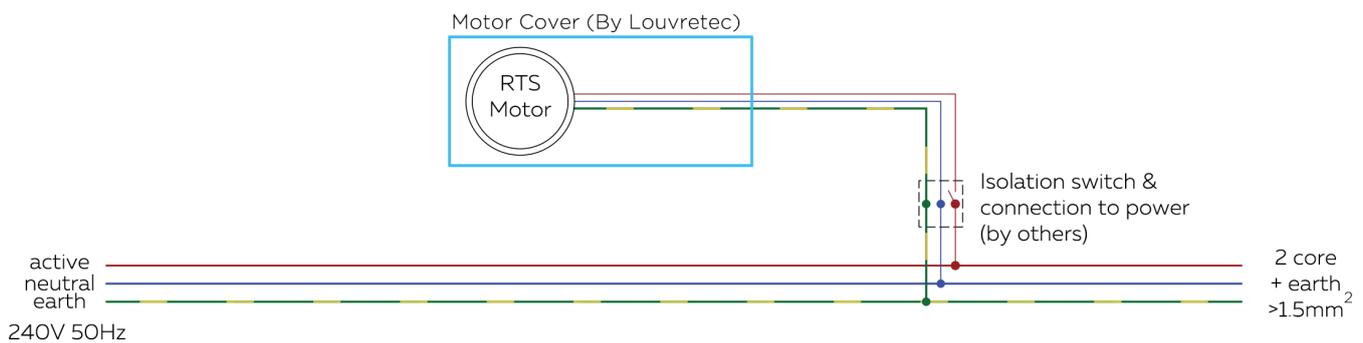
**WIRING DETAIL : SINGLE SOMFY RTS MOTOR & TAHOMA BY SOMFY**



**TAHOMA SWITCH (BY LOUVRETEC)**



The Tahoma includes a plug, and requires a wall socket for connection

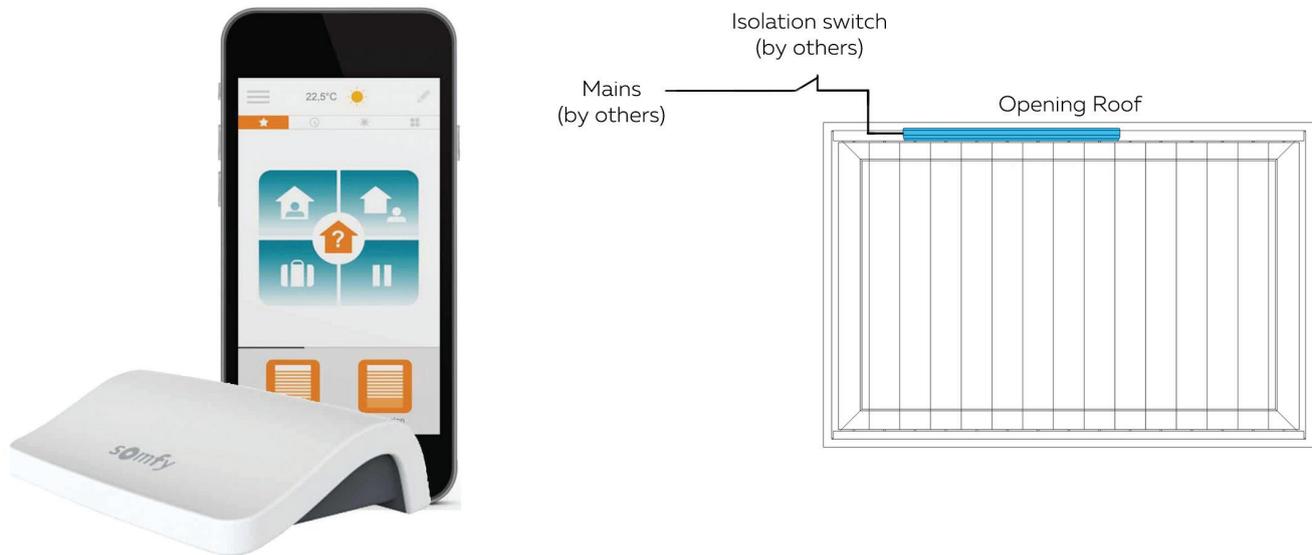


Cable protection (physical & UV) by others



Cable Required	3 core double insulated heavy duty flex 3 x 1.5mm
Voltage	230–240V/50Hz
Rated Current	0.8 Amps
Current Consumption	170 Watts

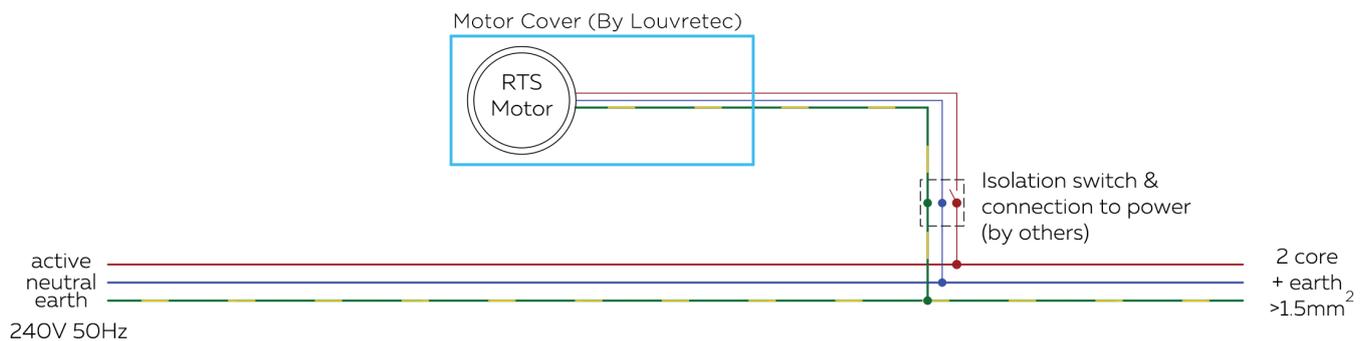
## WIRING DETAIL : SINGLE SOMFY RTS MOTOR & CONNEXOON WINDOW RTS



### CONNEXOON WINDOW RTS



The Connexoon includes a plug, and requires a standard wall socket, and an ethernet connection

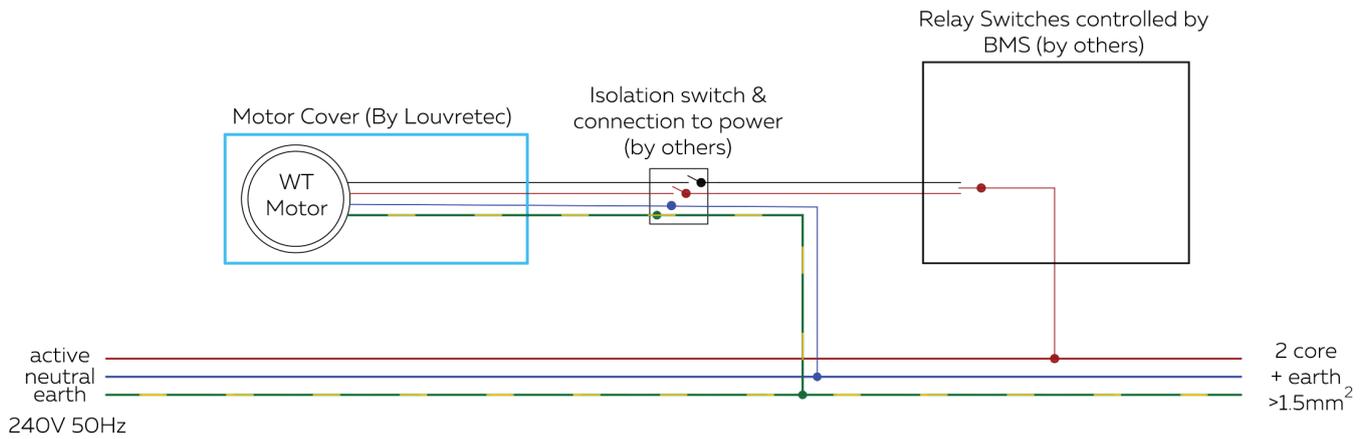
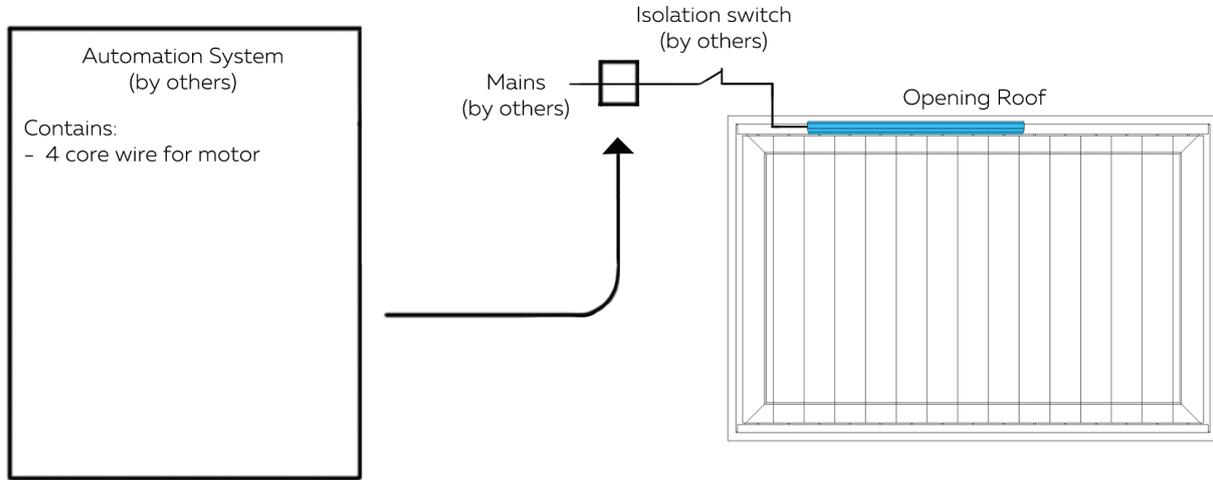


Cable protection (physical & UV) by others

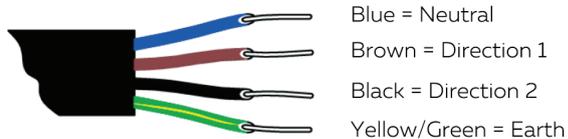


Cable Required	3 core double insulated heavy duty flex 3 x 1.5mm
Voltage	230–240V/50Hz
Rated Current	0.8 Amps
Current Consumption	170 Watts

**WIRING DETAIL : SINGLE SOMFY WT MOTOR CONTROLLED BY BUILDING MANAGEMENT SYSTEM (BMS)**

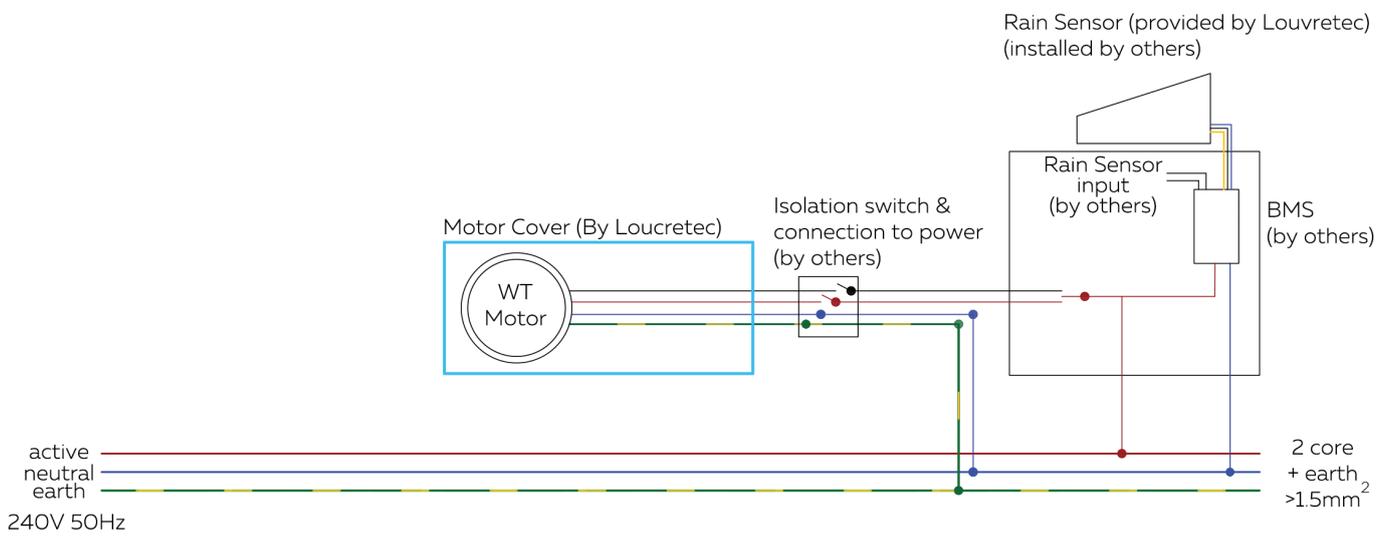
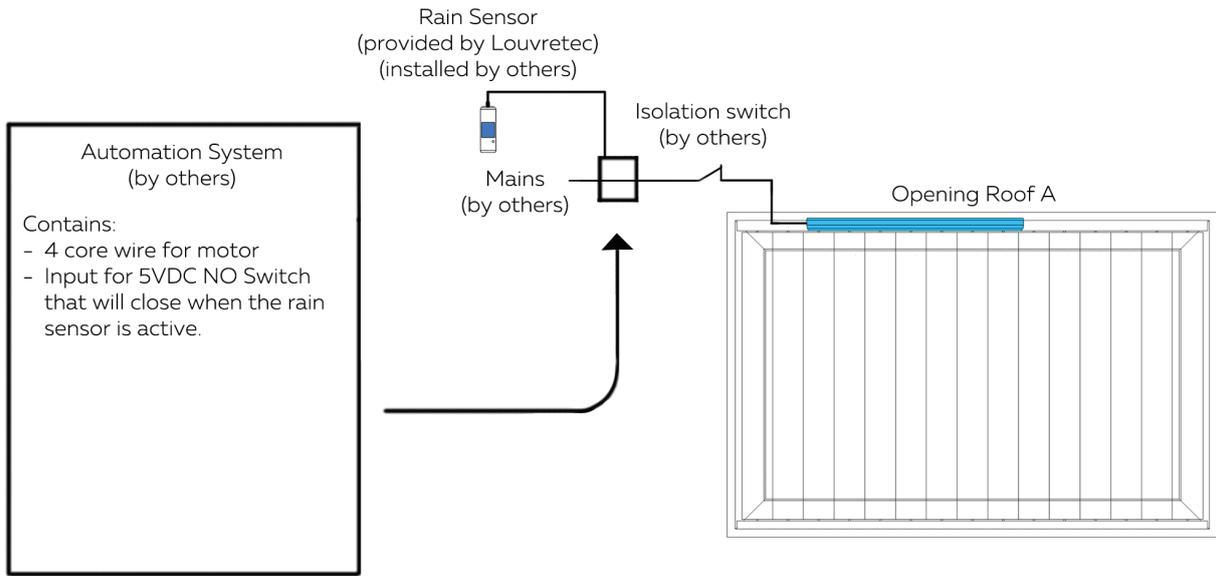


Cable protection (physical & UV) by others

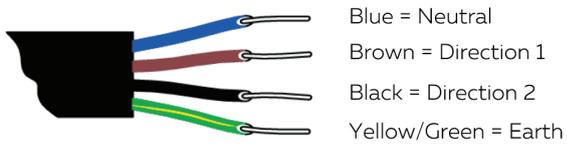


Cable Required	4 core double insulated heavy duty flex 4 x 1.5mm
Voltage	230–240V/50Hz
Rated Current	0.8 Amps
Current Consumption	170 Watts

**WIRING DETAIL : SINGLE SOMFY WT MOTOR WITH RAIN SENSOR & CONTROLLED BY BUILDING MANAGEMENT SYSTEM (BMS)**

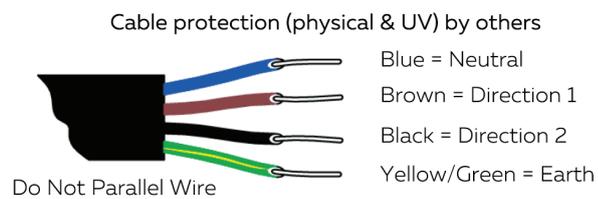
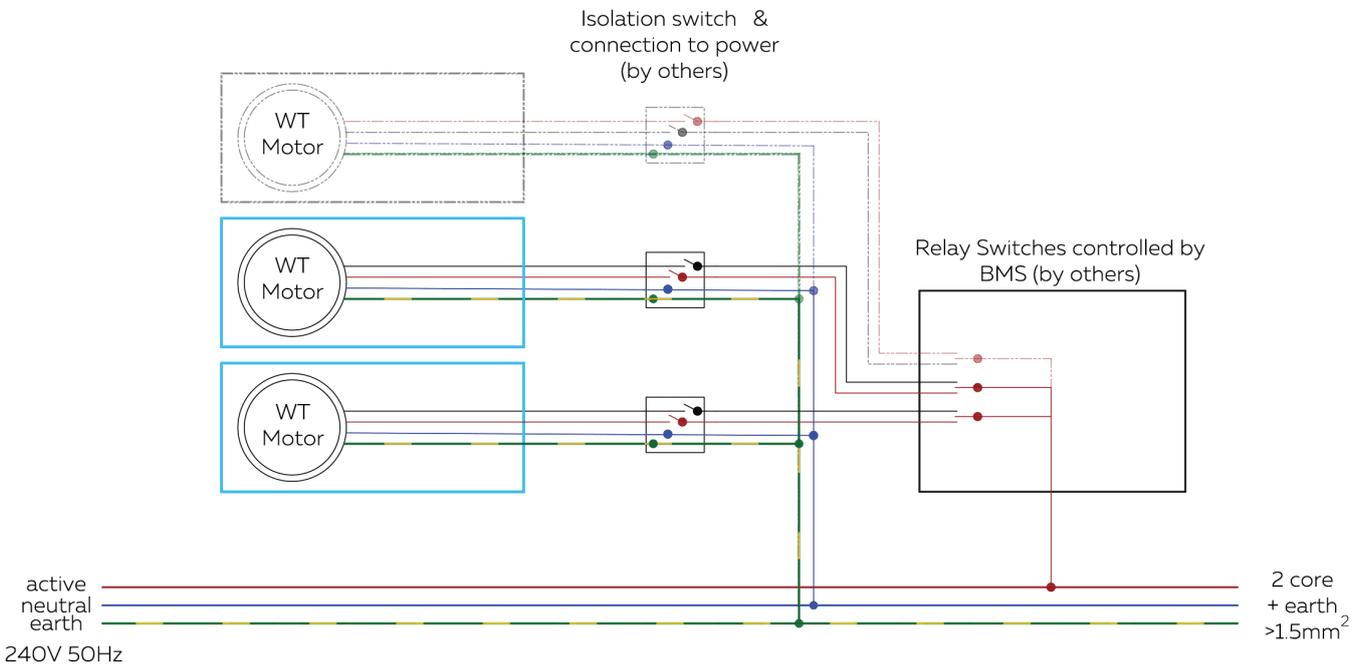
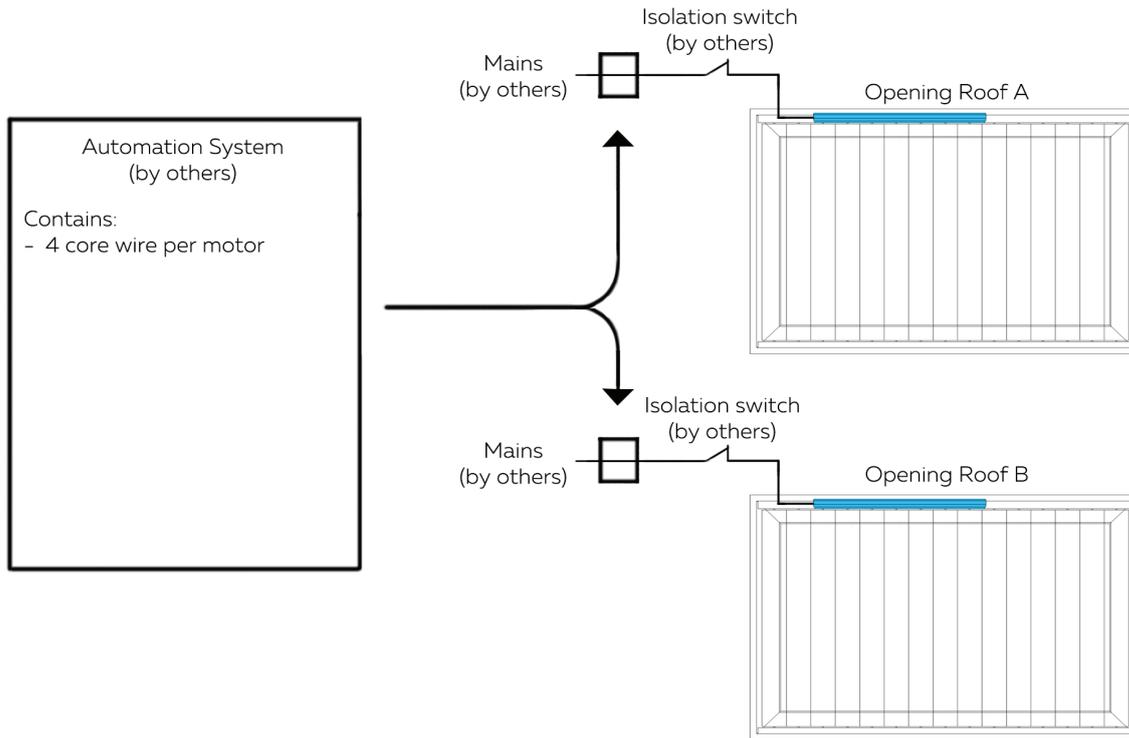


Cable protection (physical & UV) by others



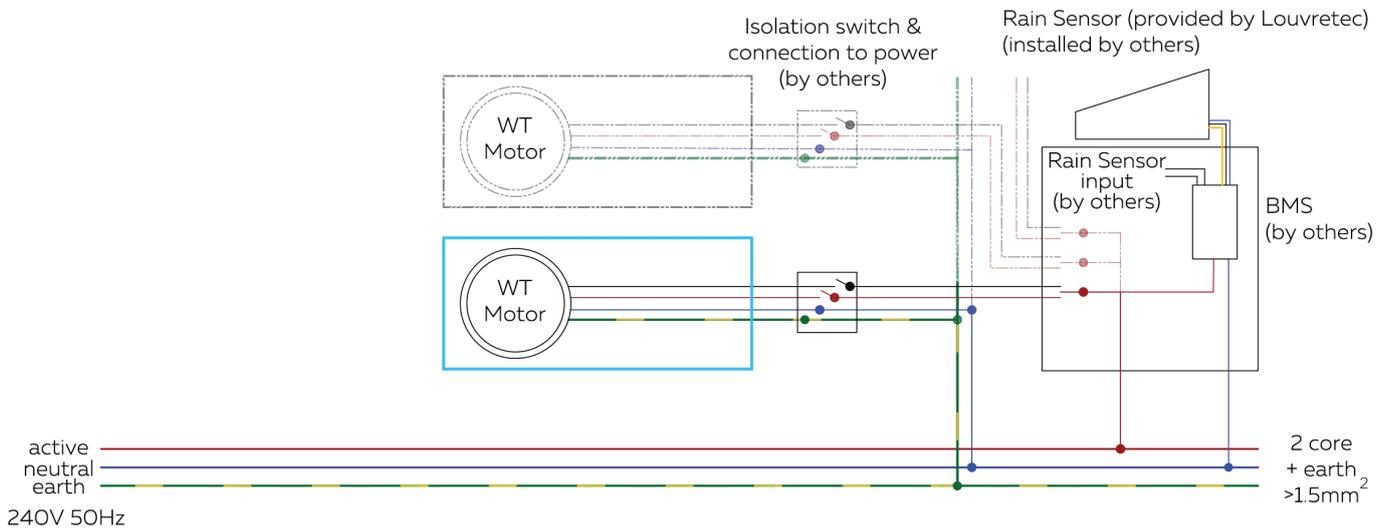
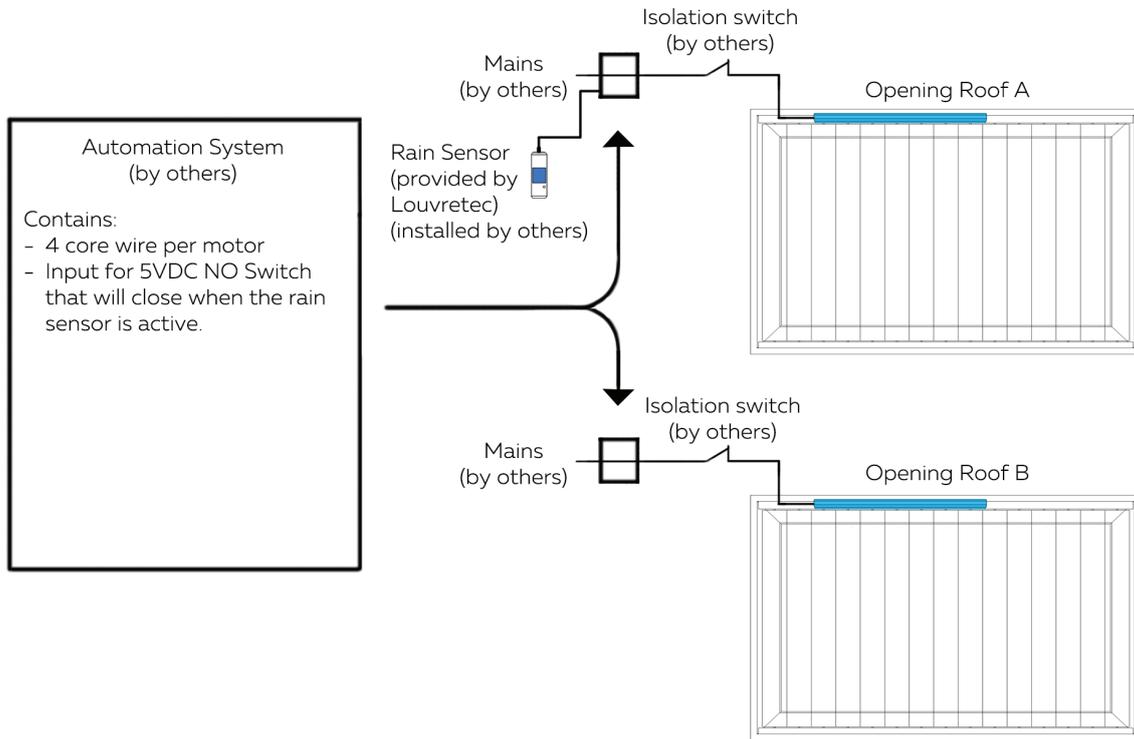
Cable Required	4 core double insulated heavy duty flex 4 x 1.5mm
Voltage	230–240V/50Hz
Rated Current	0.8 Amps
Current Consumption	170 Watts

**WIRING DETAIL : MULTIPLE SOMFY WT MOTORS CONTROLLED BY BUILDING MANAGEMENT SYSTEM (BMS)**

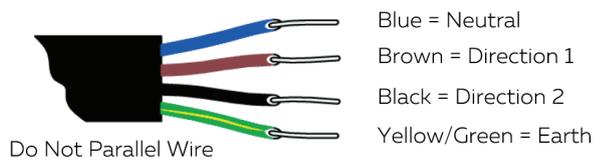


Cable Required	4 core double insulated heavy duty flex 4 x 1.5mm
Voltage	230–240V/50Hz
Rated Current	0.8 Amps per motor
Current Consumption	170 Watts per motor

**WIRING DETAIL : MULTIPLE SOMFY WT MOTORS WITH RAIN SENSOR & CONTROLLED BY BUILDING MANAGEMENT SYSTEM (BMS)**



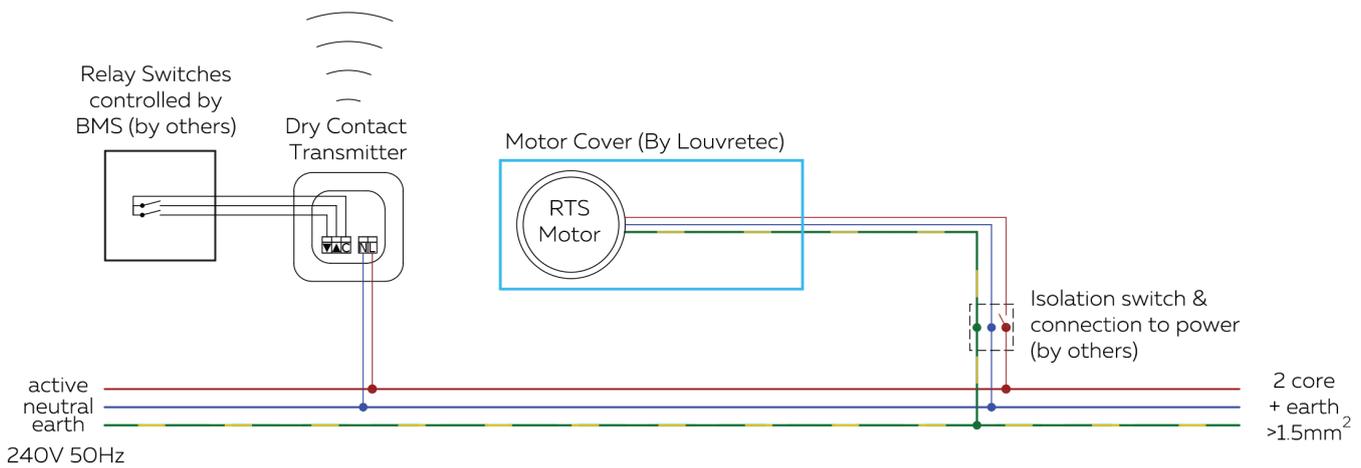
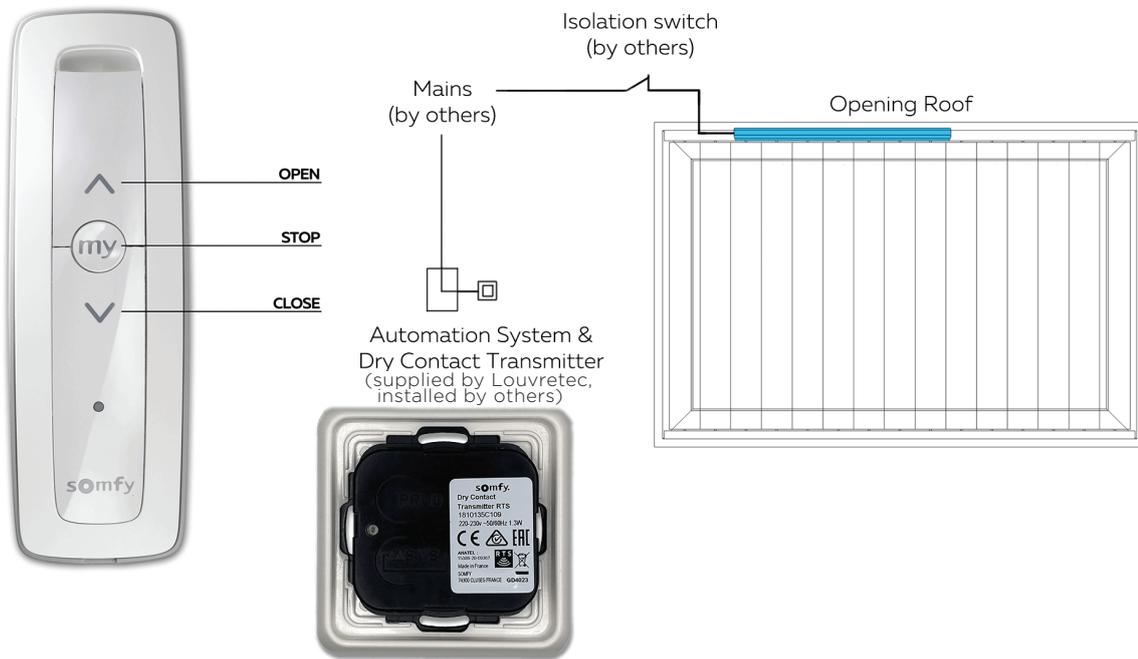
Cable protection (physical & UV) by others



Cable Required	4 core double insulated heavy duty flex 4 x 1.5mm
Voltage	230–240V/50Hz
Rated Current	0.8 Amps per motor
Current Consumption	170 Watts per motor

**WIRING DETAIL : SINGLE SOMFY RTS MOTOR WITH DRY CONTACT TRANSMITTER CONTROLLED BY BUILDING MANAGEMENT SYSTEM (BMS) & OPTIONAL SOMFY REMOTE**

**OPENING ROOF**



Cable protection (physical & UV) by others



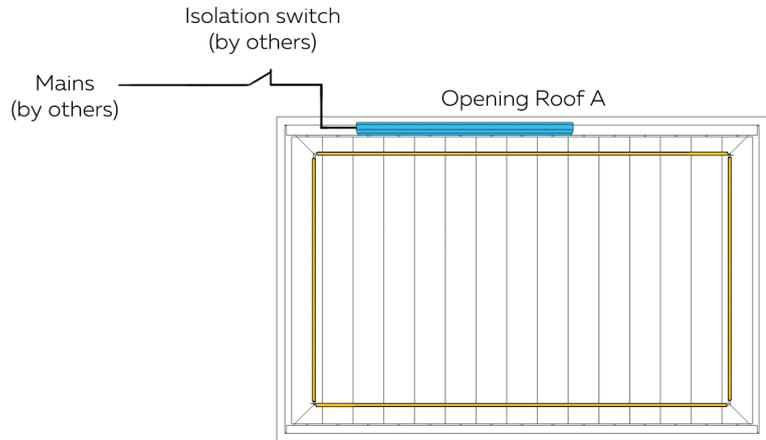
Cable Required	3 core double insulated heavy duty flex 3 x 1.5mm
Voltage	230–240V/50Hz
Rated Current	0.8 Amps
Current Consumption	170 Watts

**WIRING DETAIL : SINGLE SOMFY RTS MOTOR WITH LOUVRETEC GUTTER STRIP LIGHTING  
BST11 BRIDGE & SOMFY REMOTE**

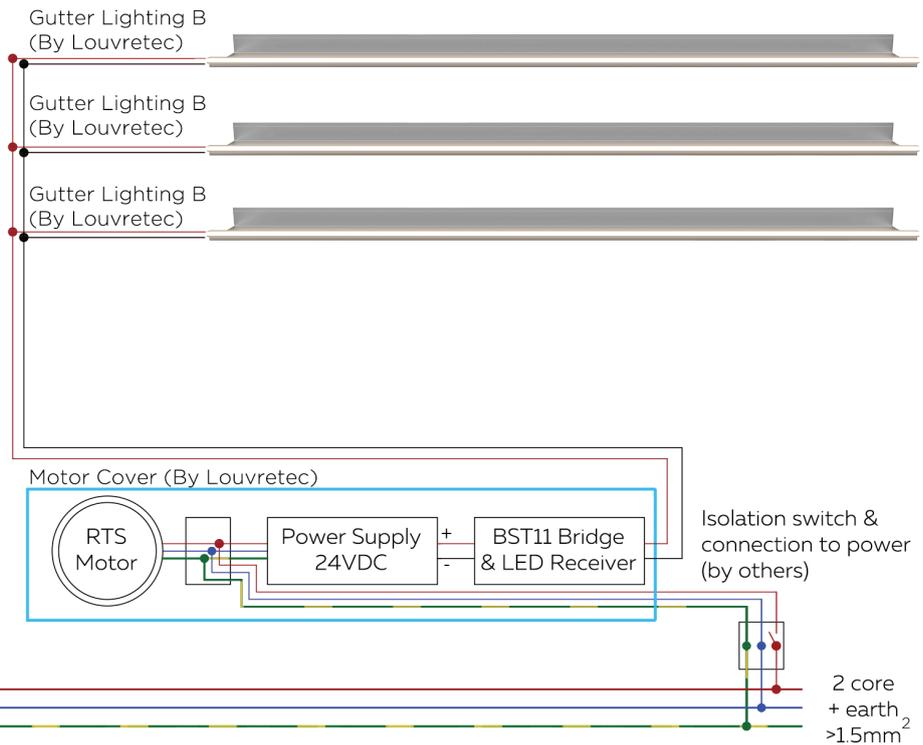
**WHITE LIGHTING**



Channel 1: Roof A  
Channel 2: LED B



Idra LED strip lights  
8.0w per metre  
Max 28 metres per receiver unit



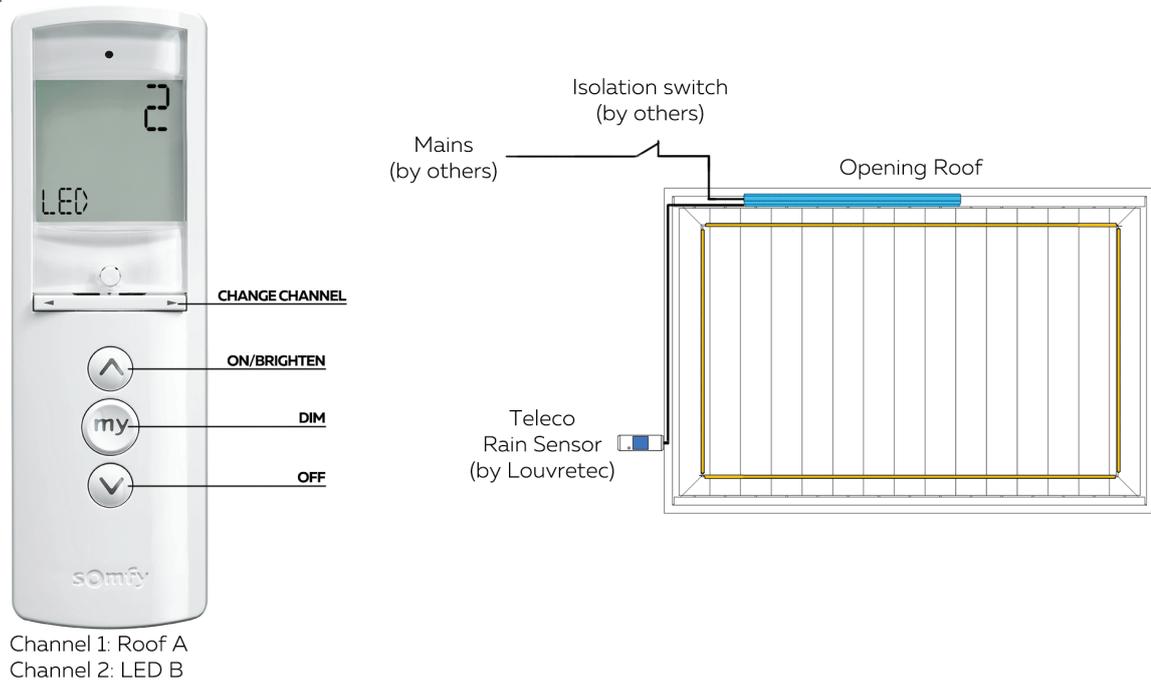
Cable protection (physical & UV) by others



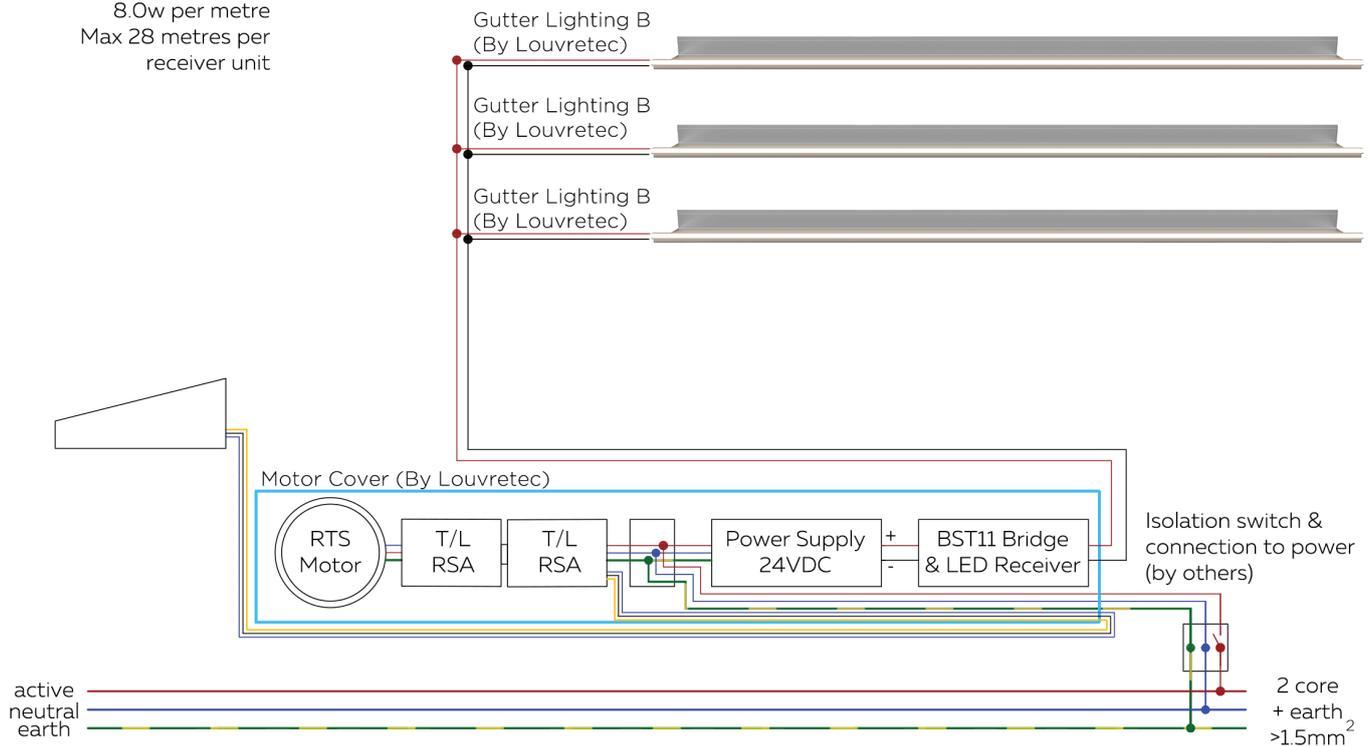
Cable Required	3 core double insulated heavy duty flex 3 x 1.5mm
Voltage	230–240V/50Hz
Rated Current	3.2 Amps
Current Consumption	770 Watts

**WIRING DETAIL : SINGLE SOMFY RTS MOTOR WITH LOUVRETEC GUTTER STRIP LIGHTING, LOUVRETEC/TELECO RAIN SENSOR ADATPOR, BST11 BRIDGE & SOMFY REMOTE**

**WHITE LIGHTING**



Idra LED strip lights  
8.0w per metre  
Max 28 metres per receiver unit



Cable protection (physical & UV) by others



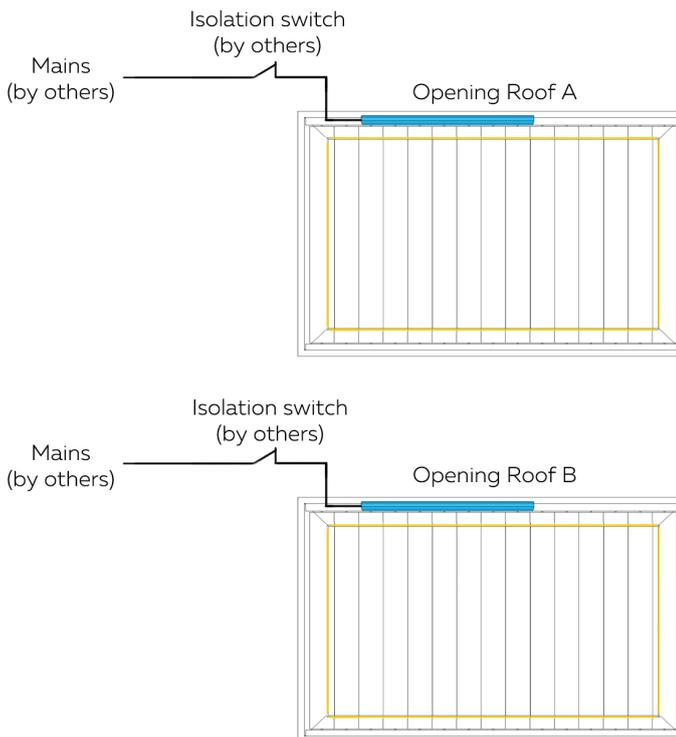
Cable Required	3 core double insulated heavy duty flex 3 x 1.5mm
Voltage	230–240V/50Hz
Rated Current	3.2 Amps
Current Consumption	770 Watts

## WIRING DETAIL : MULTIPLE SOMFY RTS MOTOR WITH LOUVRETEC GUTTER STRIP LIGHTING BST11 BRIDGE & SOMFY REMOTE

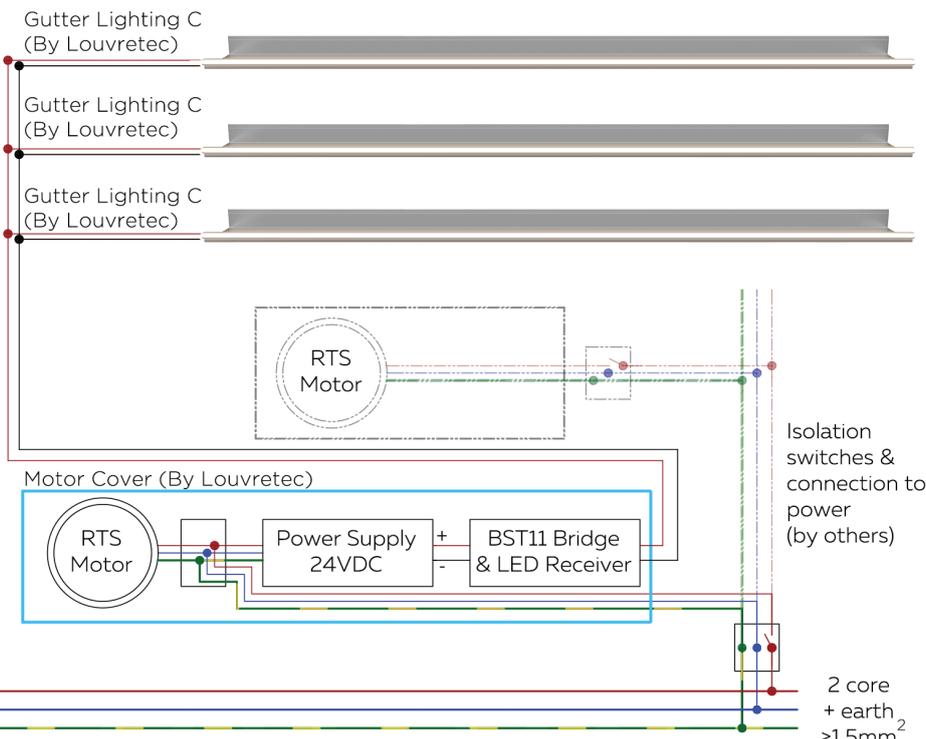
### WHITE LIGHTING



Channel 1: Roofs  
Channel 2: Roof A  
Channel 3: Roof B  
Channel 4: LED C



Idra LED strip lights  
8.0w per metre  
Max 28 metres per receiver unit



Cable protection (physical & UV) by others



Blue = Neutral  
Brown = Live  
Yellow/Green = Earth

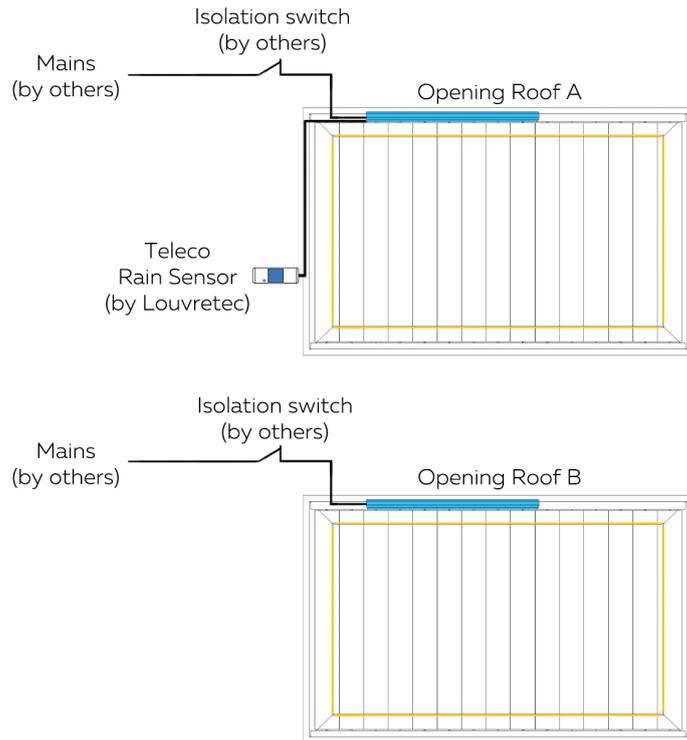
Cable Required	3 core double insulated heavy duty flex 3 x 1.5mm
Voltage	230–240V/50Hz
Rated Current	2.5 Amps + 0.8 Amps per motor
Current Consumption	570 Watts + 170 Watts per motor

**WIRING DETAIL : MULTIPLE SOMFY RTS MOTORS WITH LOUVRETEC GUTTER STRIP LIGHTING, LOUVRETEC/TELECO RAIN SENSOR ADATPOR, BST11 BRIDGE & SOMFY REMOTE**

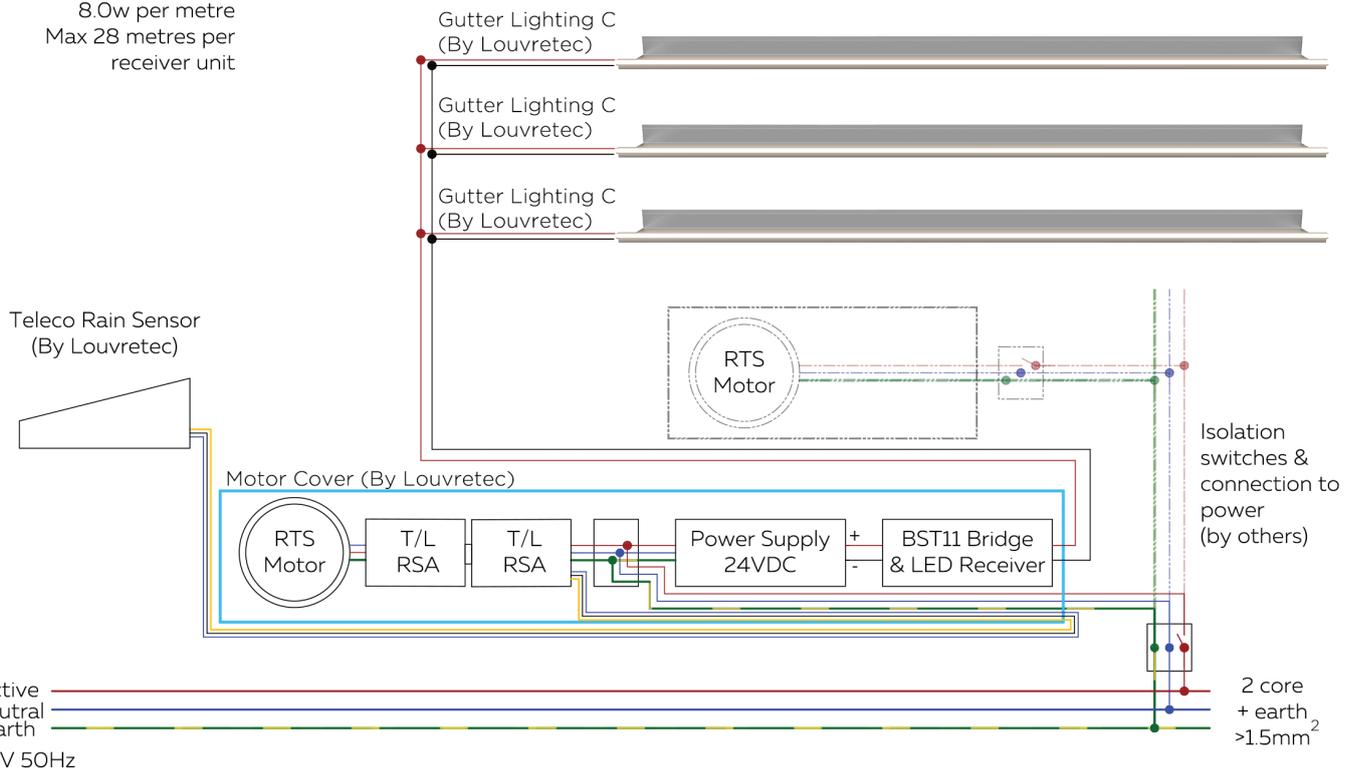
**WHITE LIGHTING**



Channel 1: Roofs  
Channel 2: Roof A  
Channel 3: Roof B  
Channel 4: LED C



Idra LED strip lights  
8.0w per metre  
Max 28 metres per receiver unit



Cable protection (physical & UV) by others



Blue = Neutral  
Brown = Live  
Yellow/Green = Earth

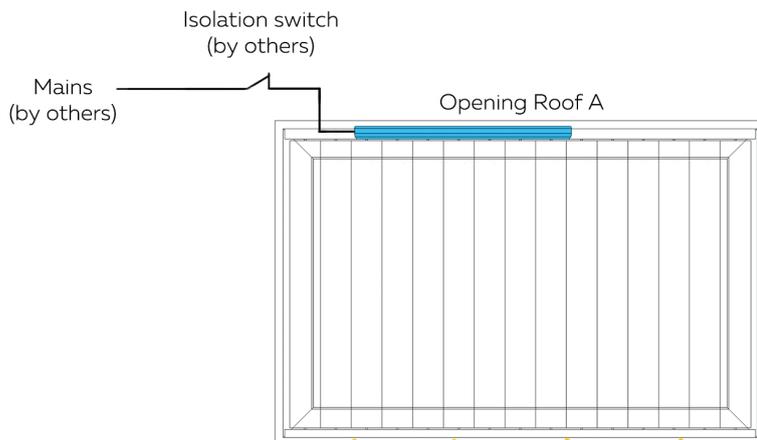
Cable Required	3 core double insulated heavy duty flex 3 x 1.5mm
Voltage	230–240V/50Hz
Rated Current	2.5 Amps + 0.8 Amps per motor
Current Consumption	570 Watts + 170 Watts per motor

**WIRING DETAIL : SINGLE SOMFY RTS MOTOR WITH LOUVRETEC DOWN LIGHTING  
BST11 BRIDGE & SOMFY REMOTE**

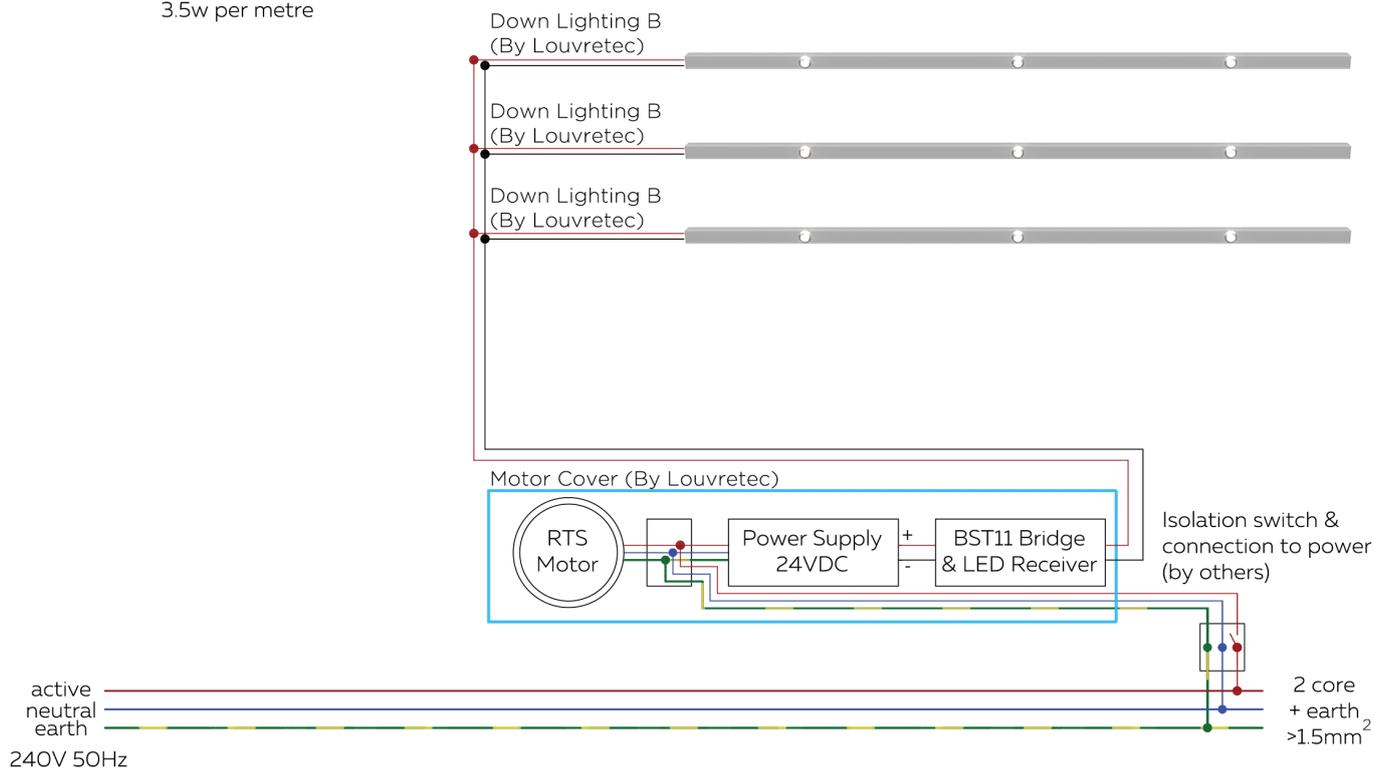
**WHITE LIGHTING**



Channel 1: Roof A  
Channel 2: LED B



Mira Low LED - down lights  
3.5w per metre



Cable protection (physical & UV) by others

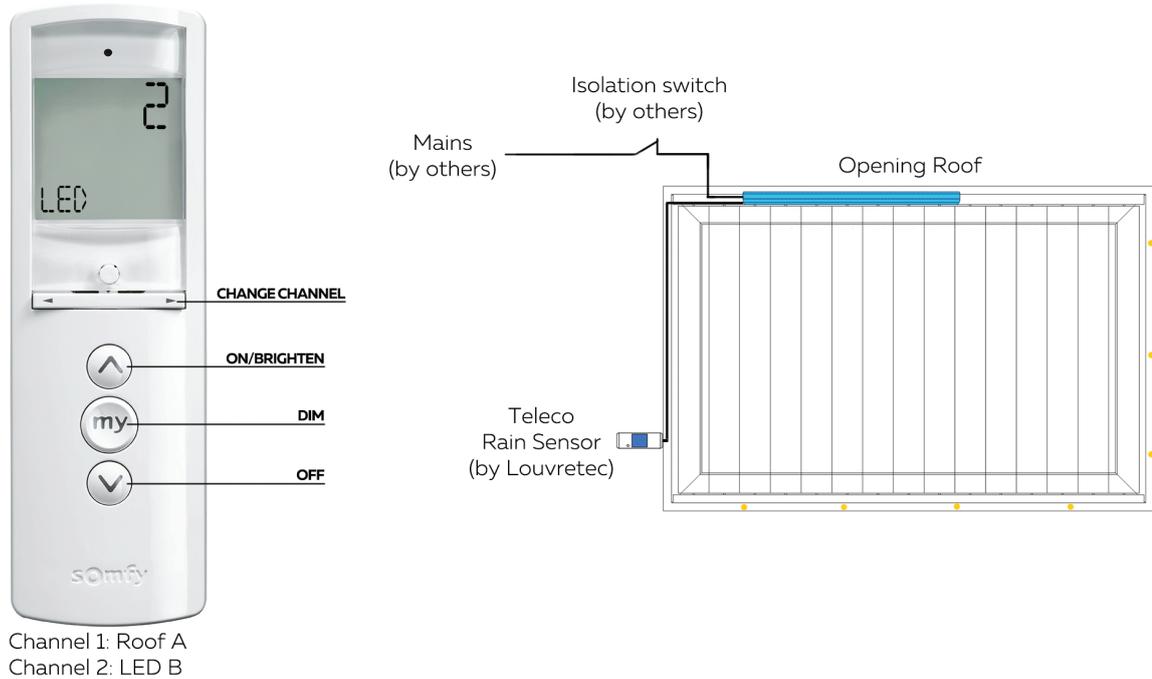


Blue = Neutral  
Brown = Live  
Yellow/Green = Earth

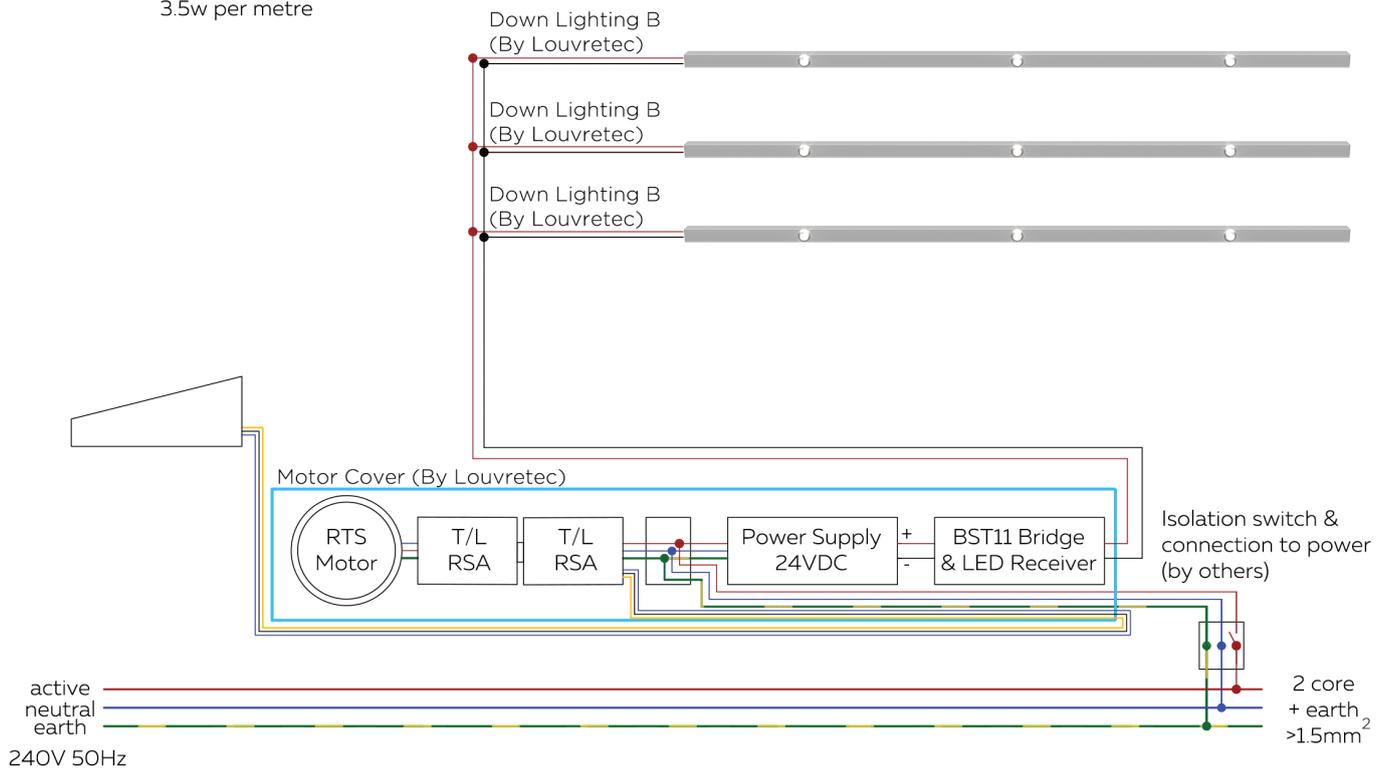
Cable Required	3 core double insulated heavy duty flex 3 x 1.5mm
Voltage	230–240V/50Hz
Rated Current	3.2 Amps
Current Consumption	770 Watts

**WIRING DETAIL : SINGLE SOMFY RTS MOTOR WITH LOUVRETEC DOWN LIGHTING, RAIN SENSOR, BST11 BRIDGE & SOMFY REMOTE**

**WHITE LIGHTING**



Mira Low LED down lights  
3.5w per metre



Cable protection (physical & UV) by others



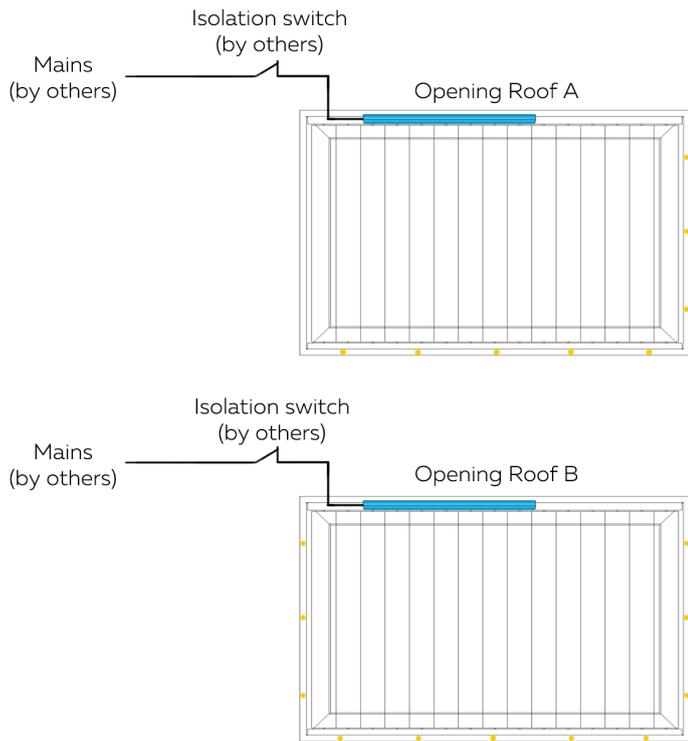
Cable Required	3 core double insulated heavy duty flex 3 x 1.5mm
Voltage	230–240V/50Hz
Rated Current	3.2 Amps
Current Consumption	770 Watts

**WIRING DETAIL : MULTIPLE SOMFY RTS MOTORS WITH LOUVRETEC DOWN LIGHTING  
BST11 BRIDGE & SOMFY REMOTE**

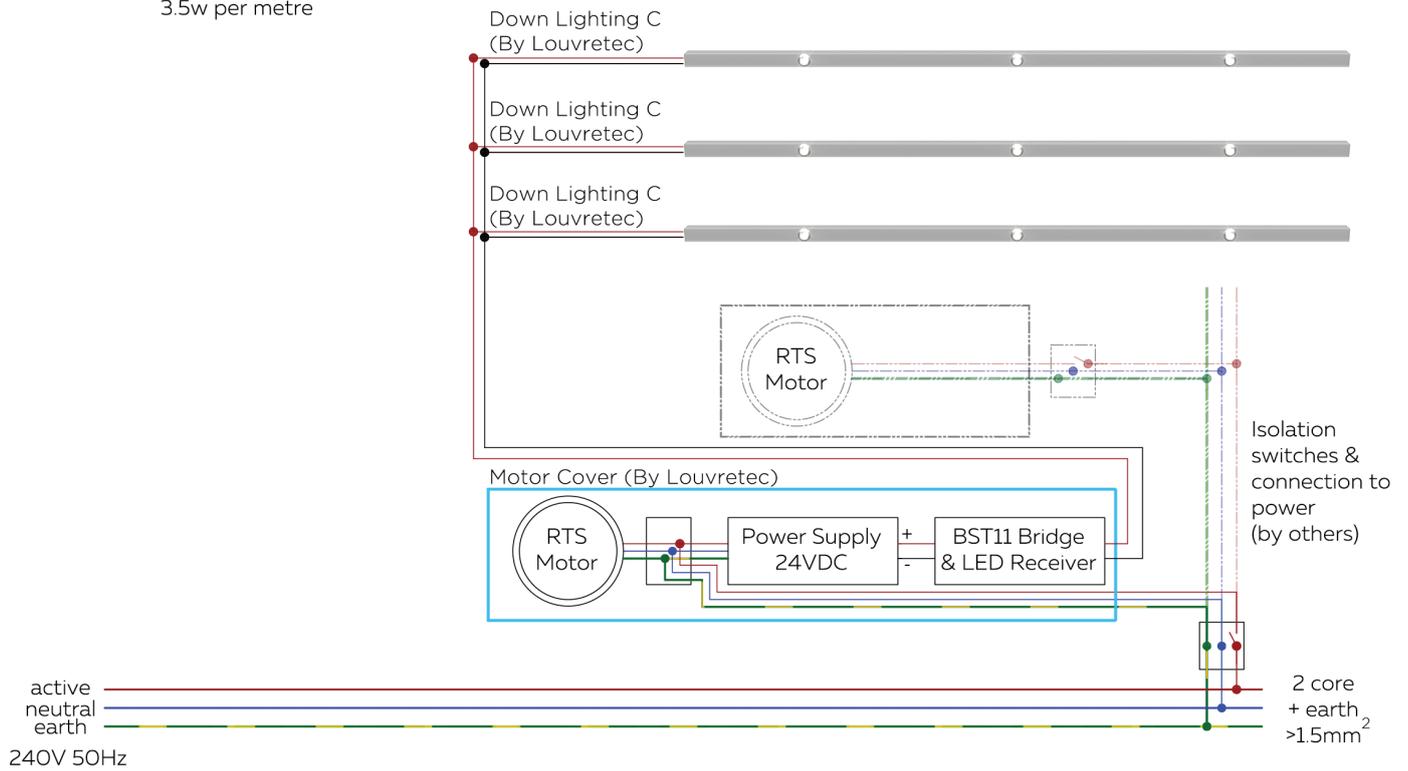
**WHITE LIGHTING**



Channel 1: Roofs  
Channel 2: Roof A  
Channel 3: Roof B  
Channel 4: LED C



Mira Low LED down lights  
3.5w per metre



Cable protection (physical & UV) by others



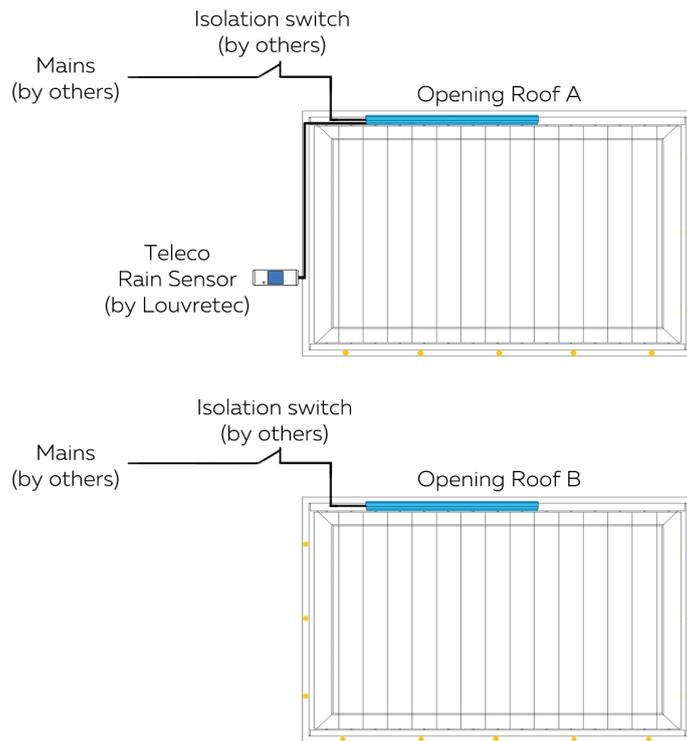
Cable Required	3 core double insulated heavy duty flex 3 x 1.5mm
Voltage	230–240V/50Hz
Rated Current	2.5 Amps + 0.8 Amps per motor
Current Consumption	570 Watts + 170 Watts per motor

**WIRING DETAIL : MULTIPLE SOMFY RTS MOTORS WITH LOUVRETEC DOWN LIGHTING, RAIN SENSOR, BST11 BRIDGE & SOMFY REMOTE**

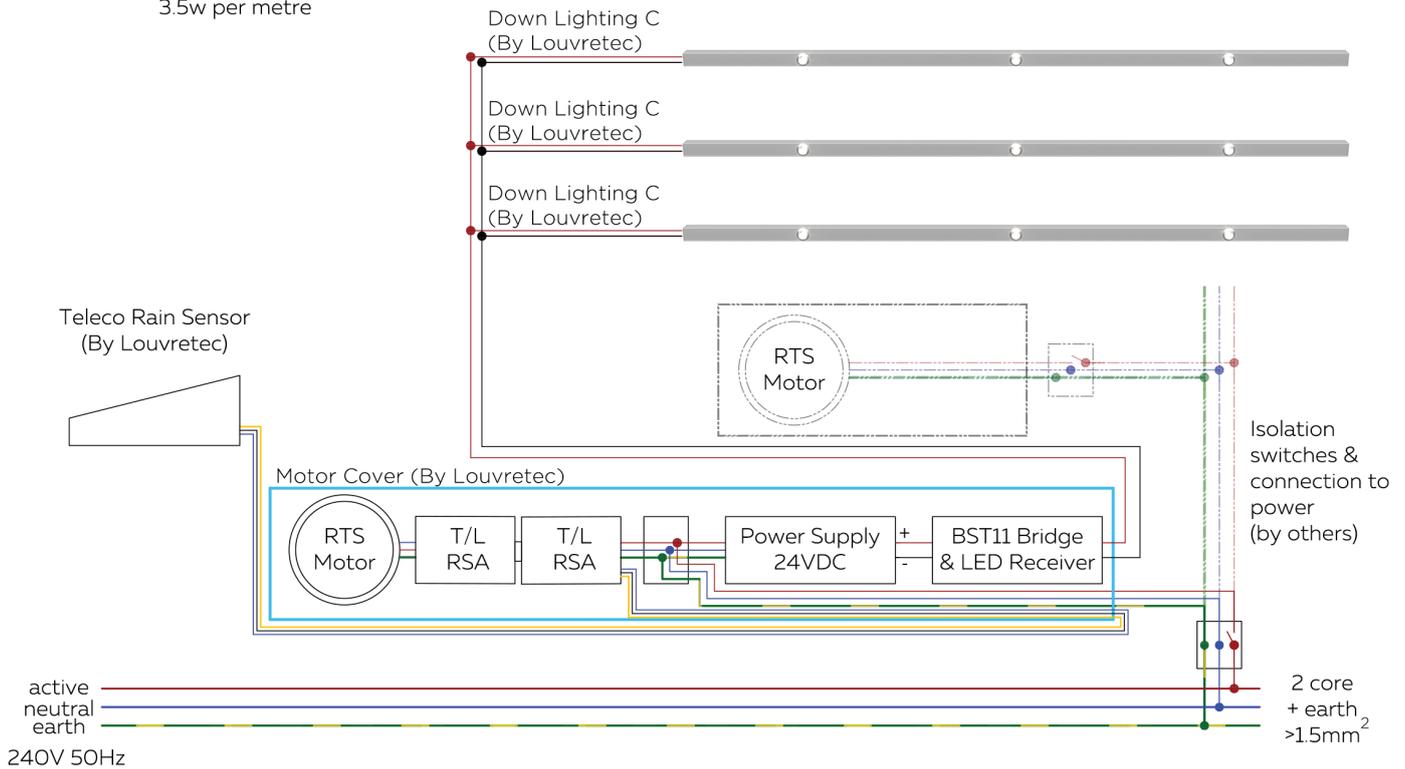
**WHITE LIGHTING**



Channel 1: Roofs  
Channel 2: Roof A  
Channel 3: Roof B  
Channel 4: LED C



Mira Low LED down lights  
3.5w per metre

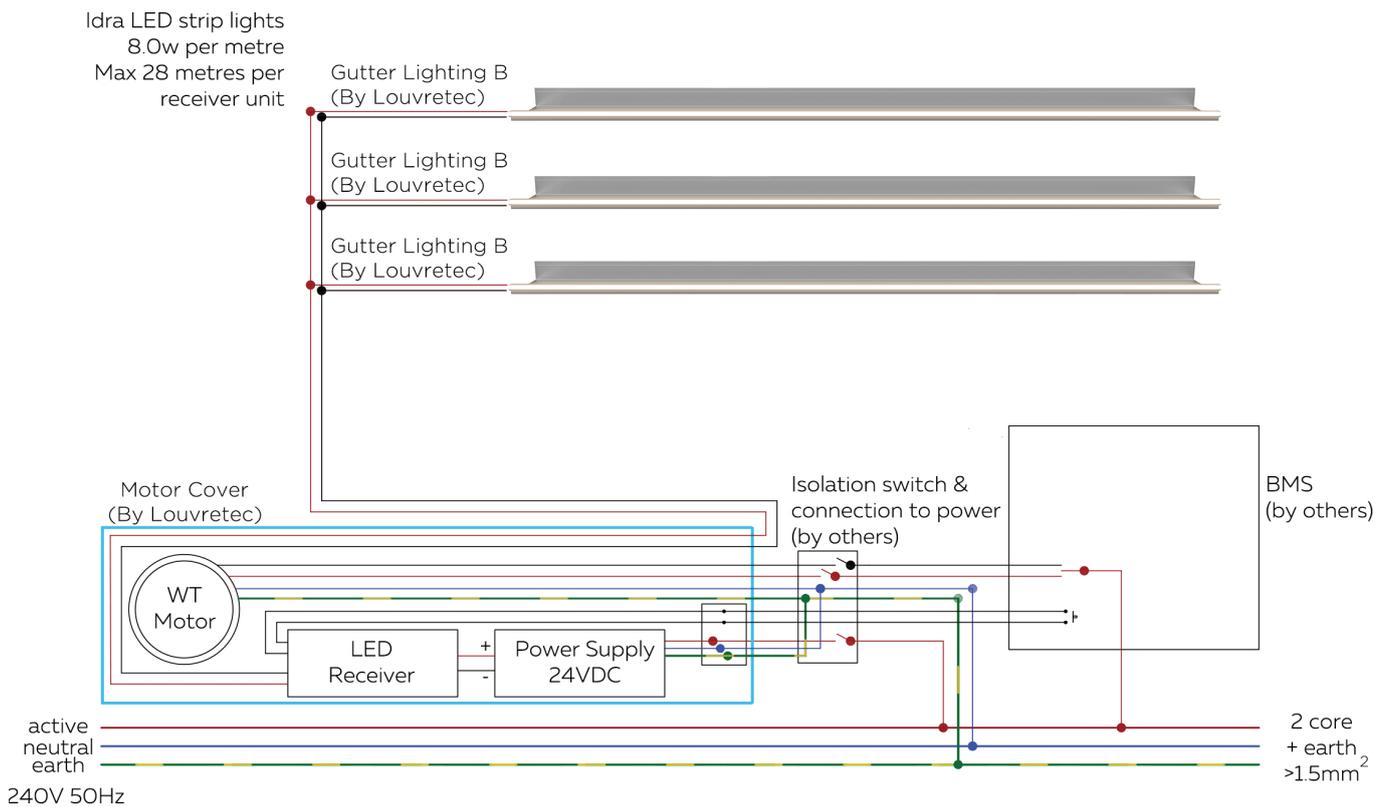
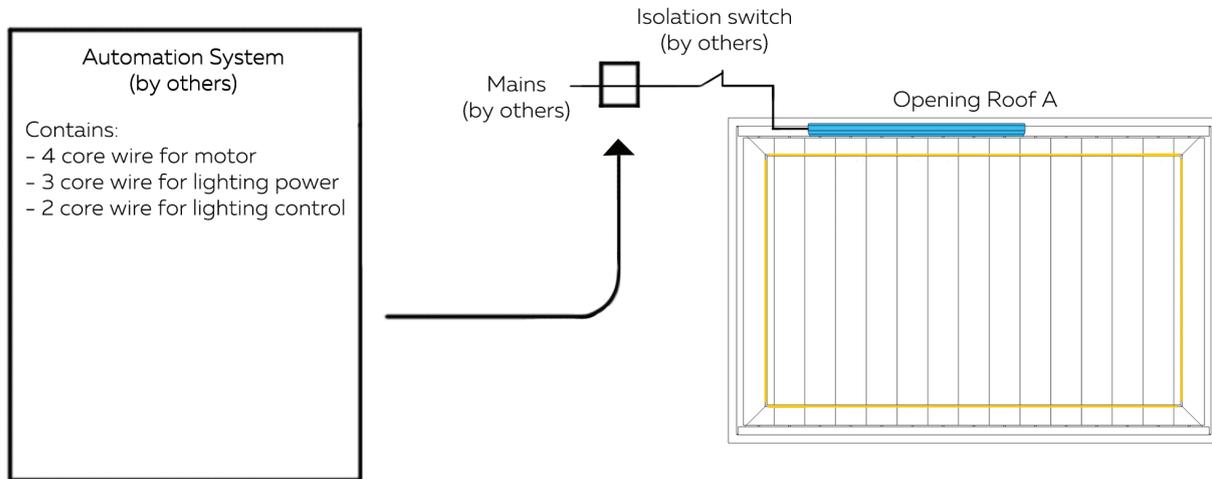


Cable protection (physical & UV) by others

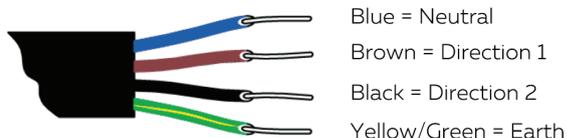


Cable Required	3 core double insulated heavy duty flex 3 x 1.5mm
Voltage	230–240V/50Hz
Rated Current	2.5 Amps + 0.8 Amps per motor
Current Consumption	570 Watts + 170 Watts per motor

**WIRING DETAIL : SINGLE SOMFY WT MOTOR WITH LOUVRETEC GUTTER STRIP LIGHTING & CONTROLLED BY BMS**

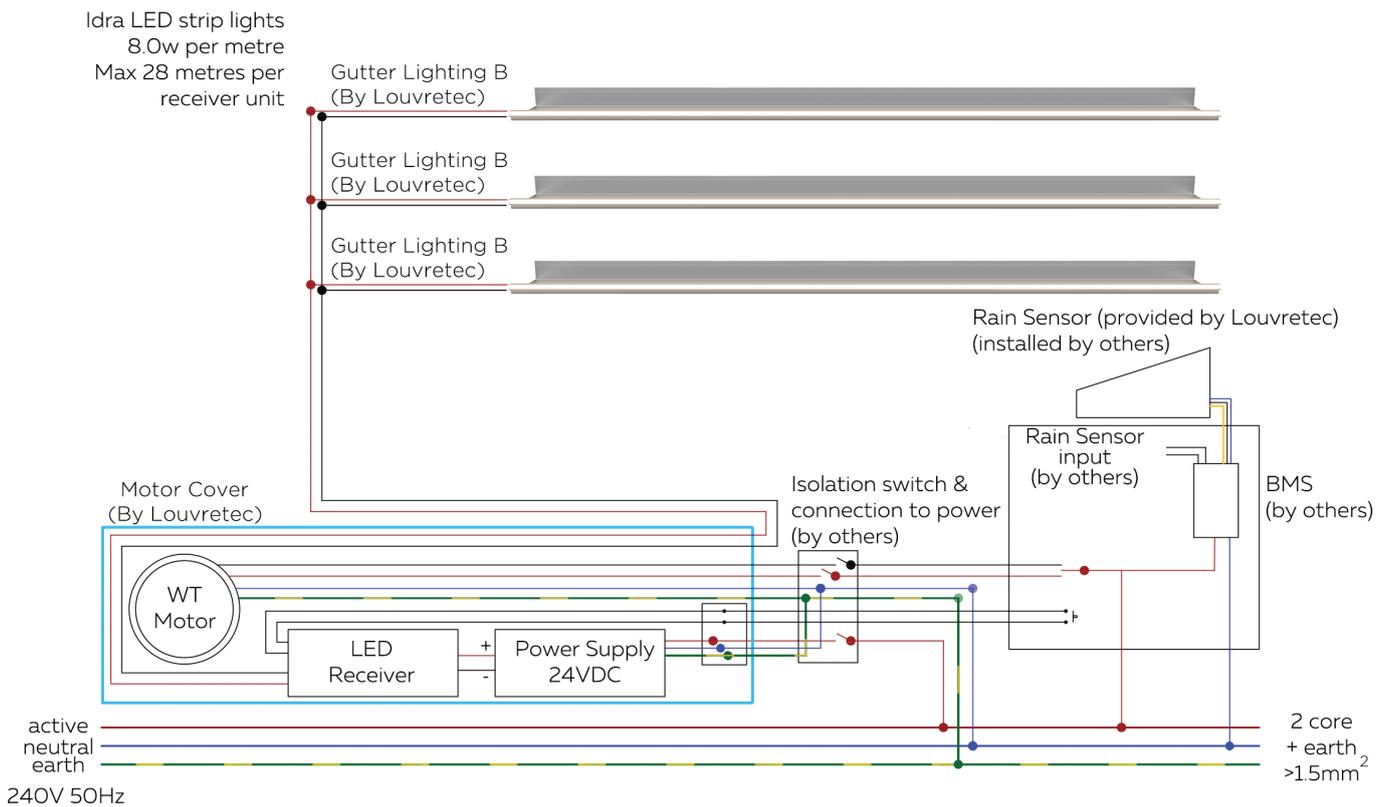
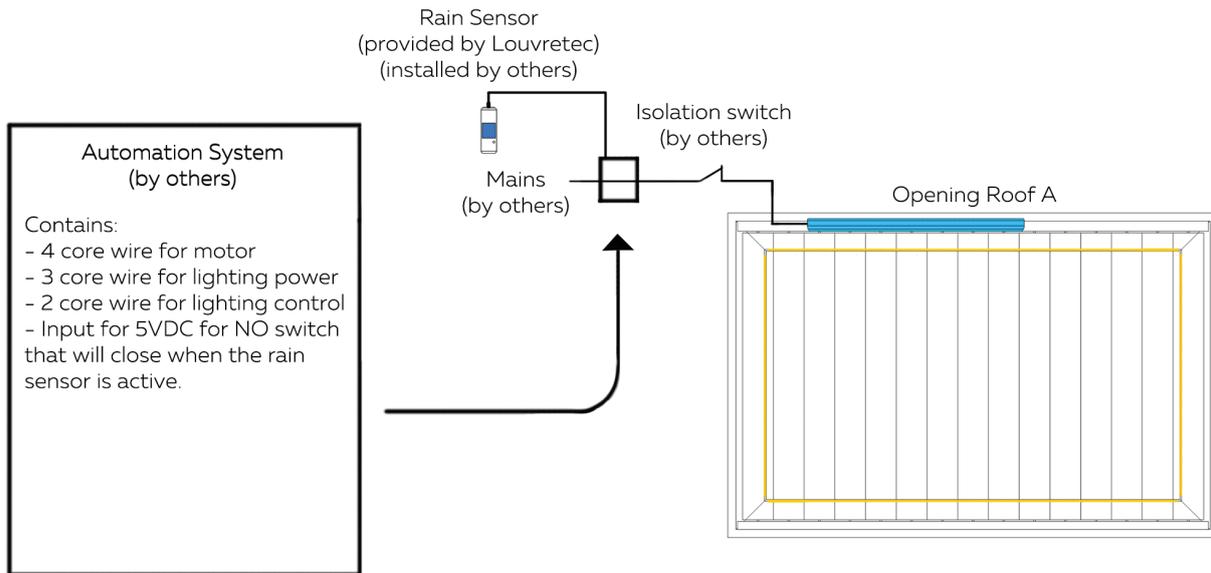


Cable protection (physical & UV) by others

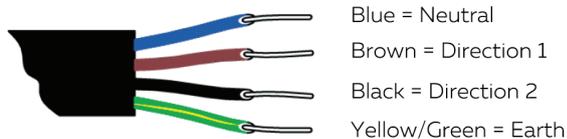


Cable Required	4 core double insulated heavy duty flex 4 x 1.5mm
Voltage	230–240V/50Hz
Rated Current	3.2 Amps
Current Consumption	770 Watts

**WIRING DETAIL : SINGLE SOMFY WT MOTOR WITH LOUVRETEC GUTTER STRIP LIGHTING, RAIN SENSOR & CONTROLLED BY BMS**

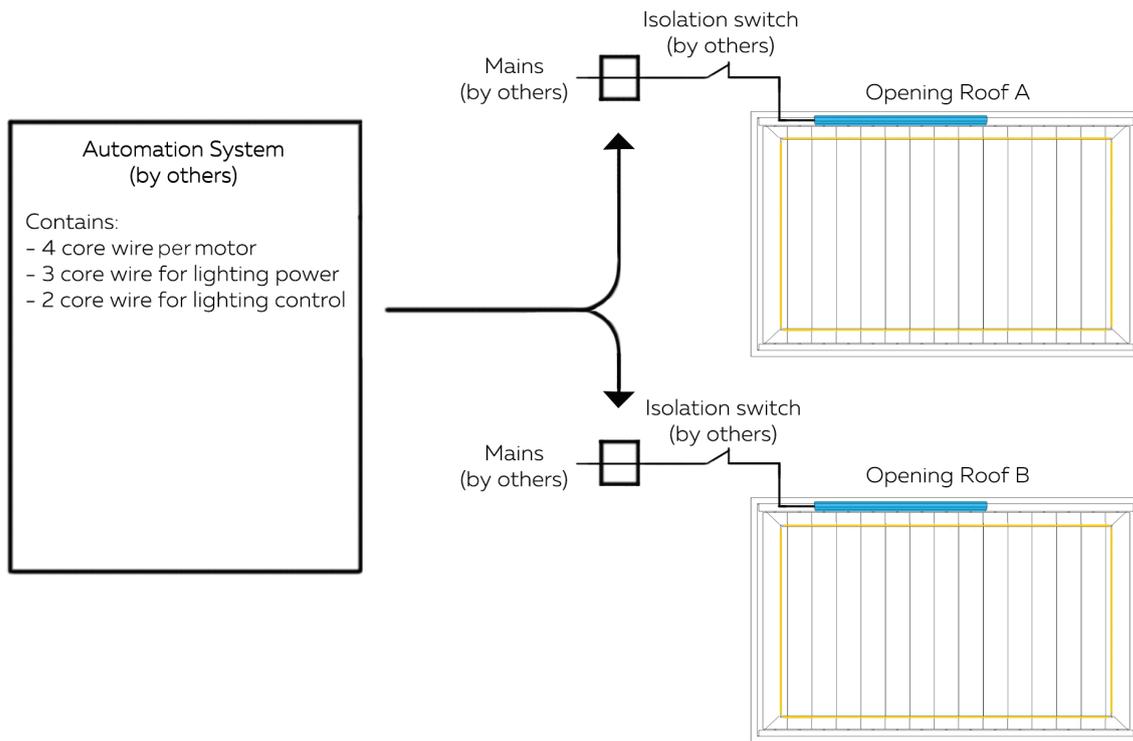


Cable protection (physical & UV) by others

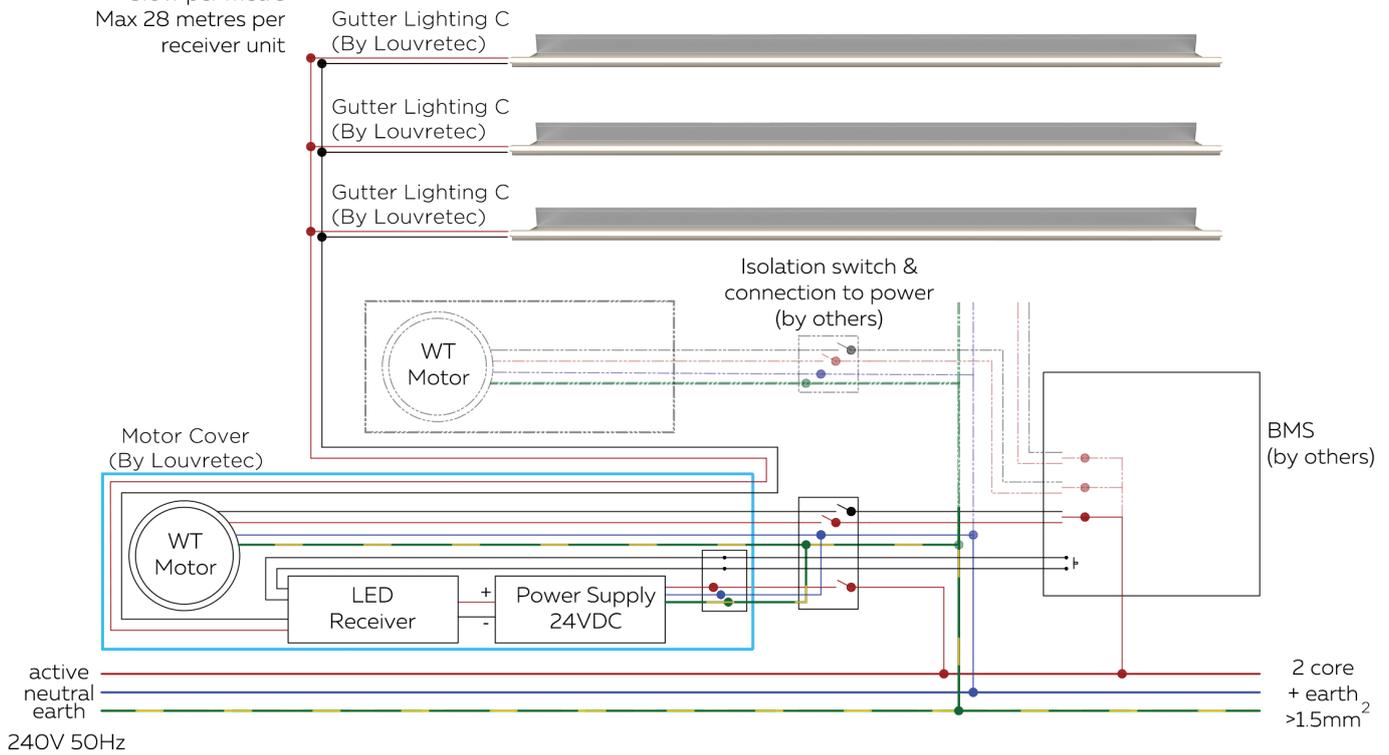


Cable Required	4 core double insulated heavy duty flex 4 x 1.5mm
Voltage	230–240V/50Hz
Rated Current	3.2 Amps
Current Consumption	770 Watts

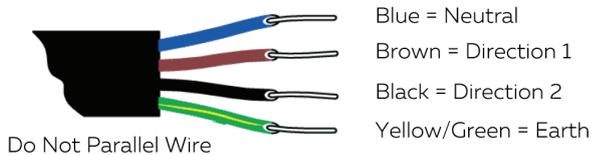
**WIRING DETAIL : MULTIPLE SOMFY WT MOTORS WITH LOUVRETEC GUTTER STRIP LIGHTING & CONTROLLED BY BMS**



Idra LED strip lights  
8.0w per metre  
Max 28 metres per receiver unit

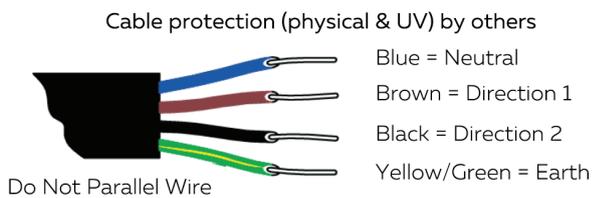
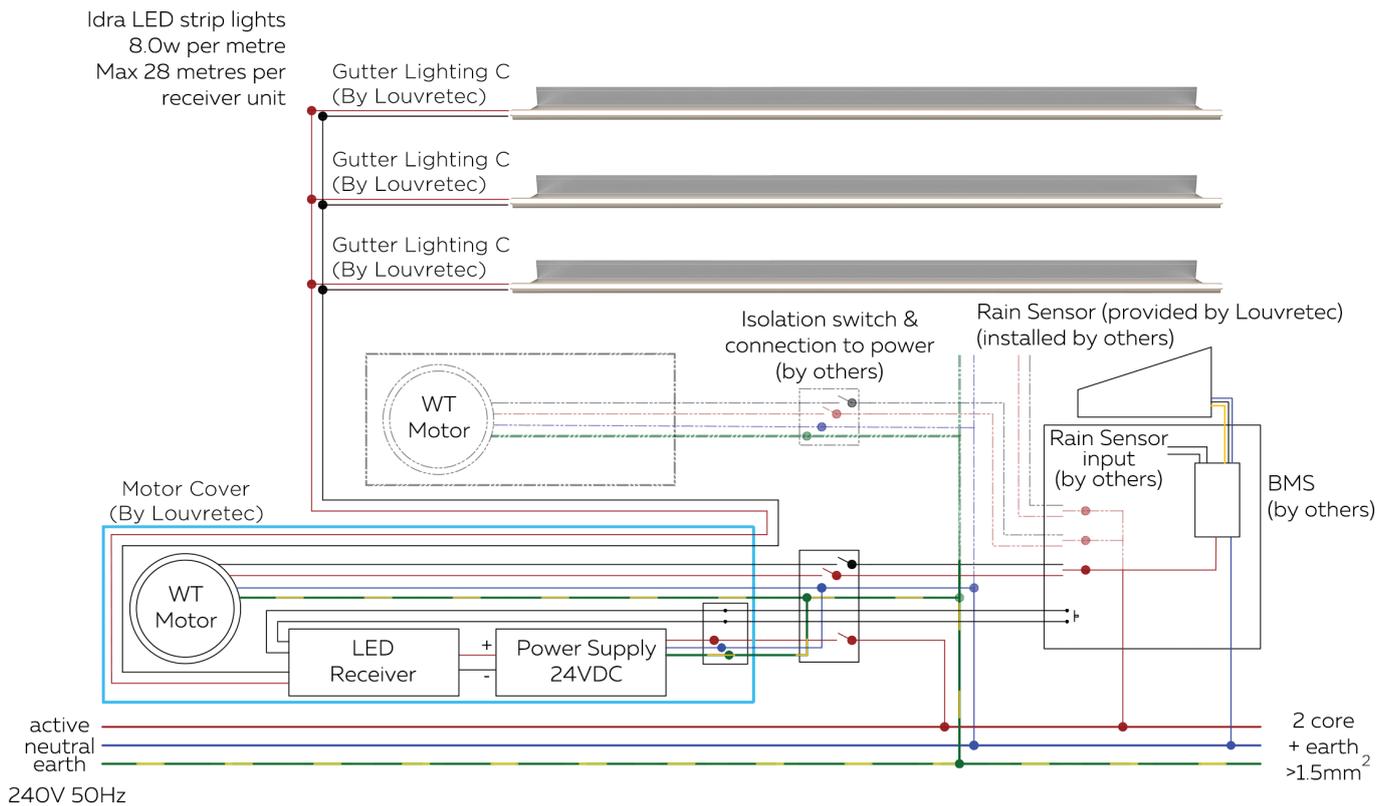
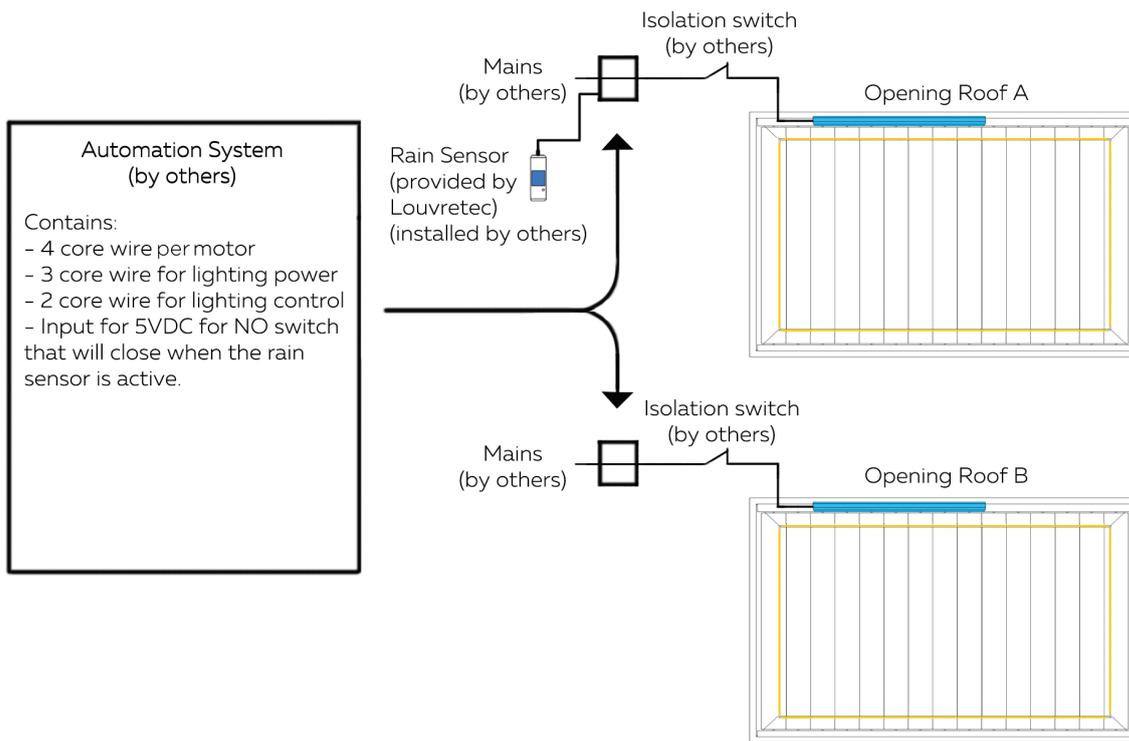


Cable protection (physical & UV) by others



Cable Required	4 core double insulated heavy duty flex 4 x 15mm
Voltage	230–240V/50Hz
Rated Current	3.2 Amps + 0.8 Amps per motor
Current Consumption	570 Watts + 192 Watts per motor

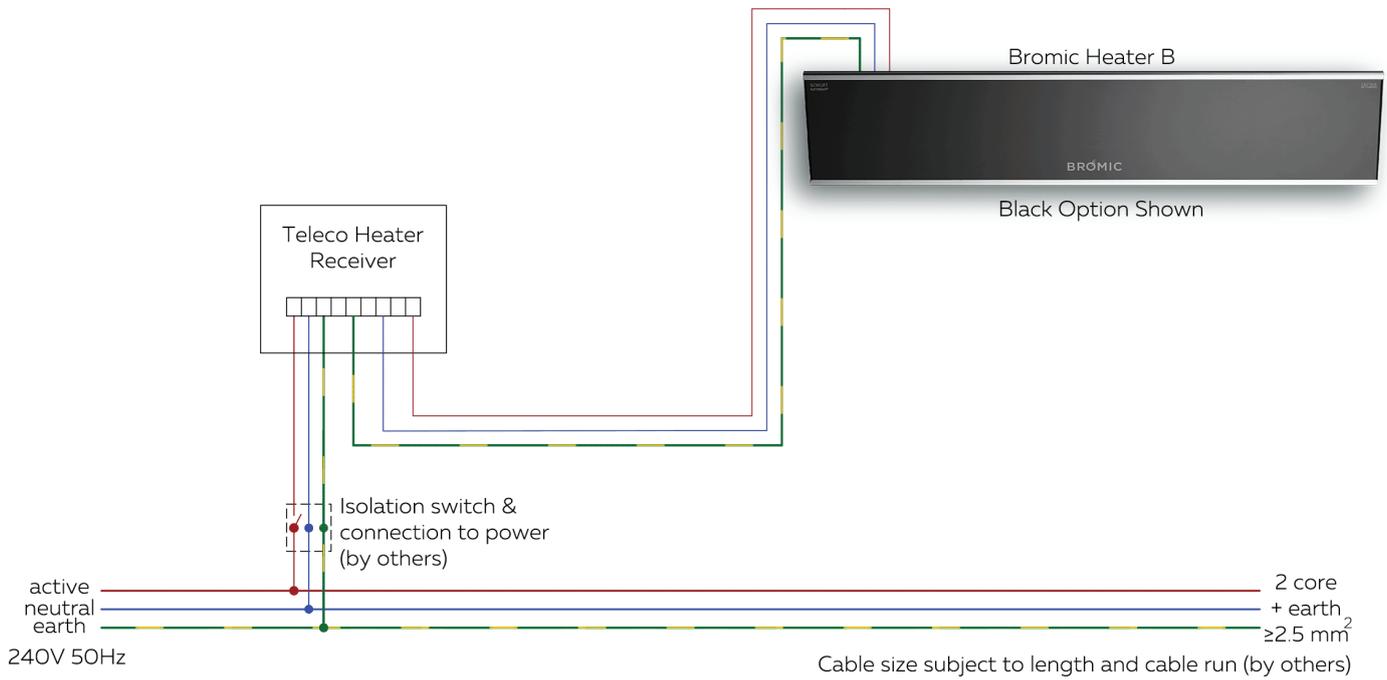
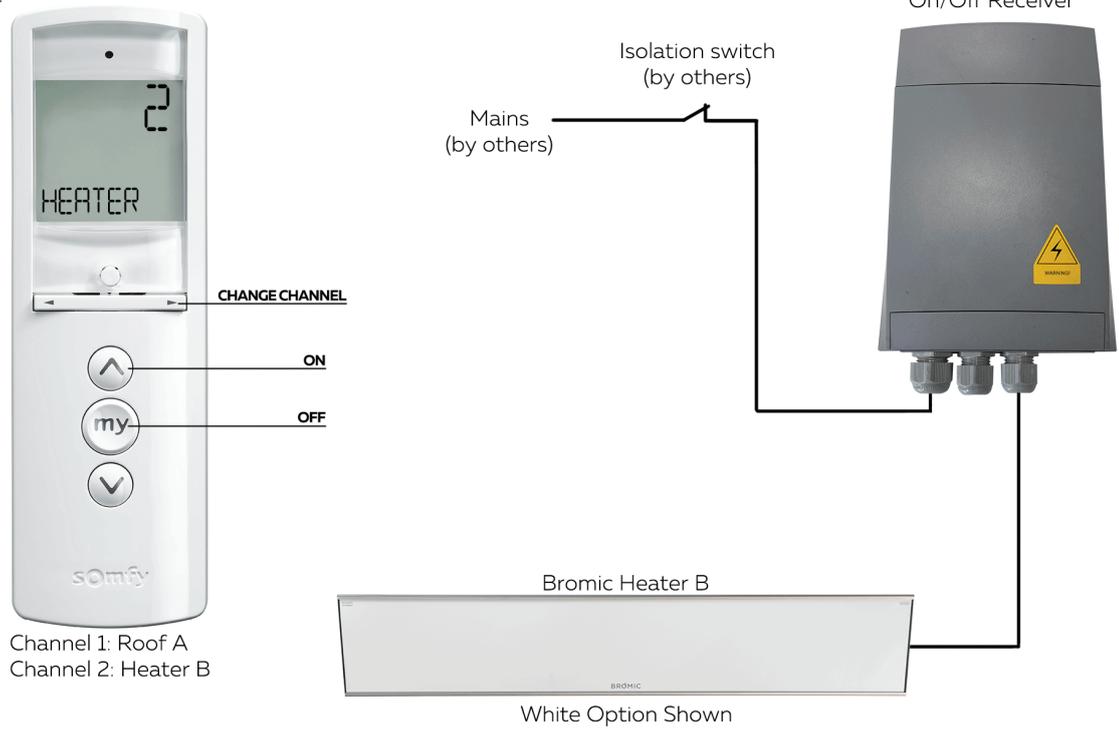
**WIRING DETAIL : MULTIPLE SOMFY WT MOTORS WITH LOUVRETEC GUTTER STRIP LIGHTING, RAIN SENSOR & CONTROLLED BY BMS**



Cable Required	4 core double insulated heavy duty flex 4 x 1.5mm
Voltage	230–240V/50Hz
Rated Current	3.2 Amps + 0.8 Amps per motor
Current Consumption	770 Watts + 192 Watts per motor

## WIRING DETAIL : SINGLE ON/OFF BROMIC HEATER WITH SOMFY REMOTE

### ON/OFF HEATER



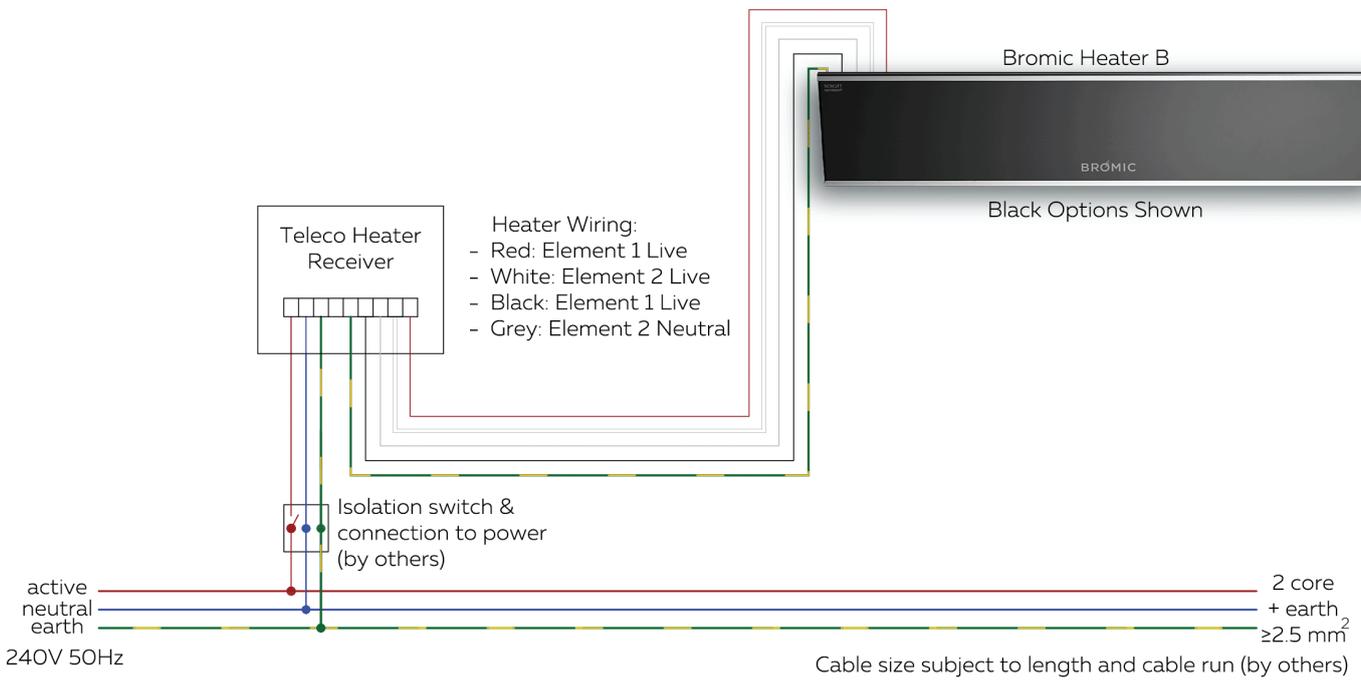
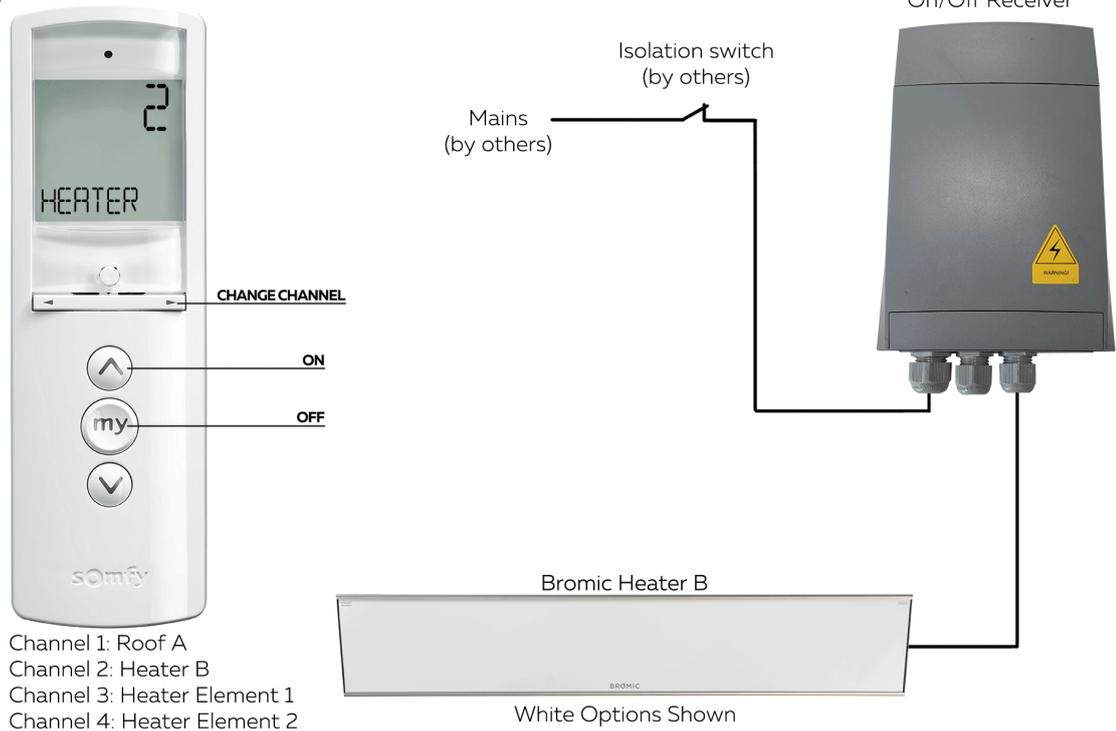
Cable protection (physical & UV) by others



Cable Required	3 core double insulated heavy duty flex 3 x $\geq 2.5 \text{ mm}$
Voltage	230–240V/50Hz
Rated Current	10 - 14.2 Amps
Current Consumption	2.4 - 3.4KW

**WIRING DETAIL : SINGLE 4.5KW ON/OFF BROMIC HEATER WITH SOMFY REMOTE**

**ON/OFF HEATER**



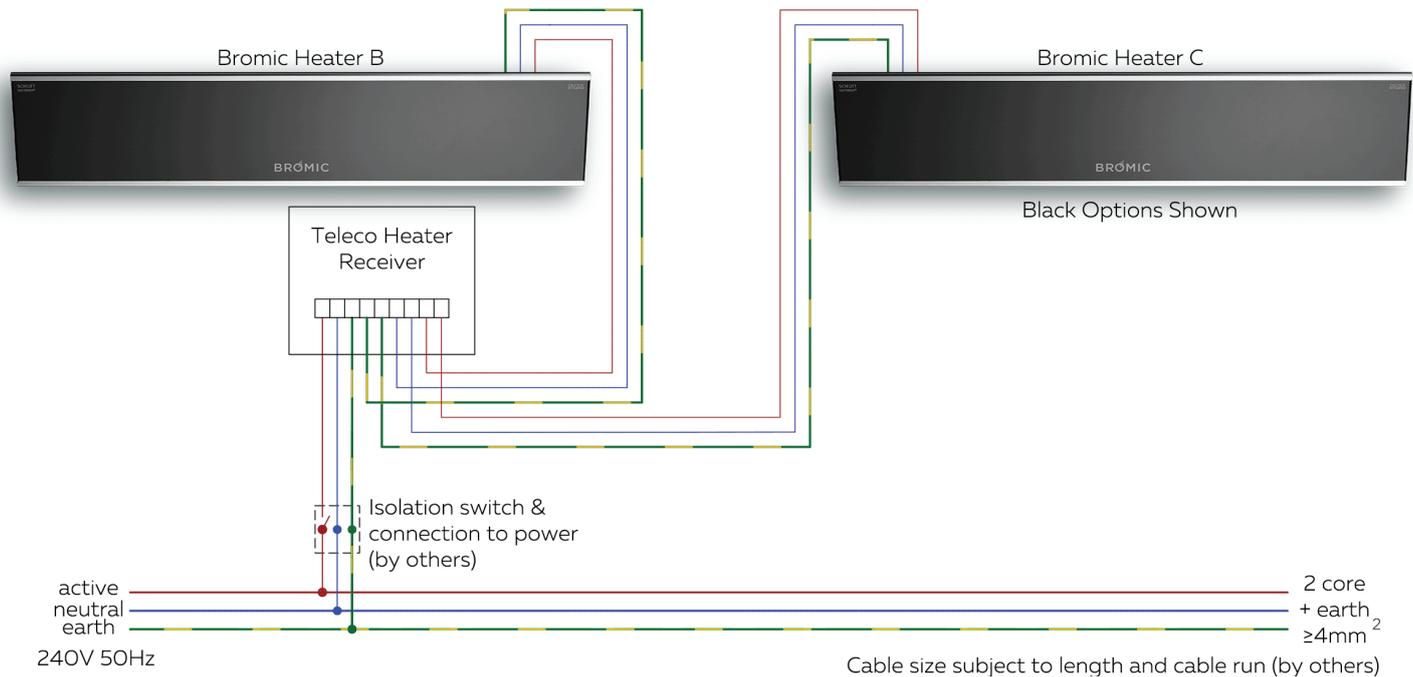
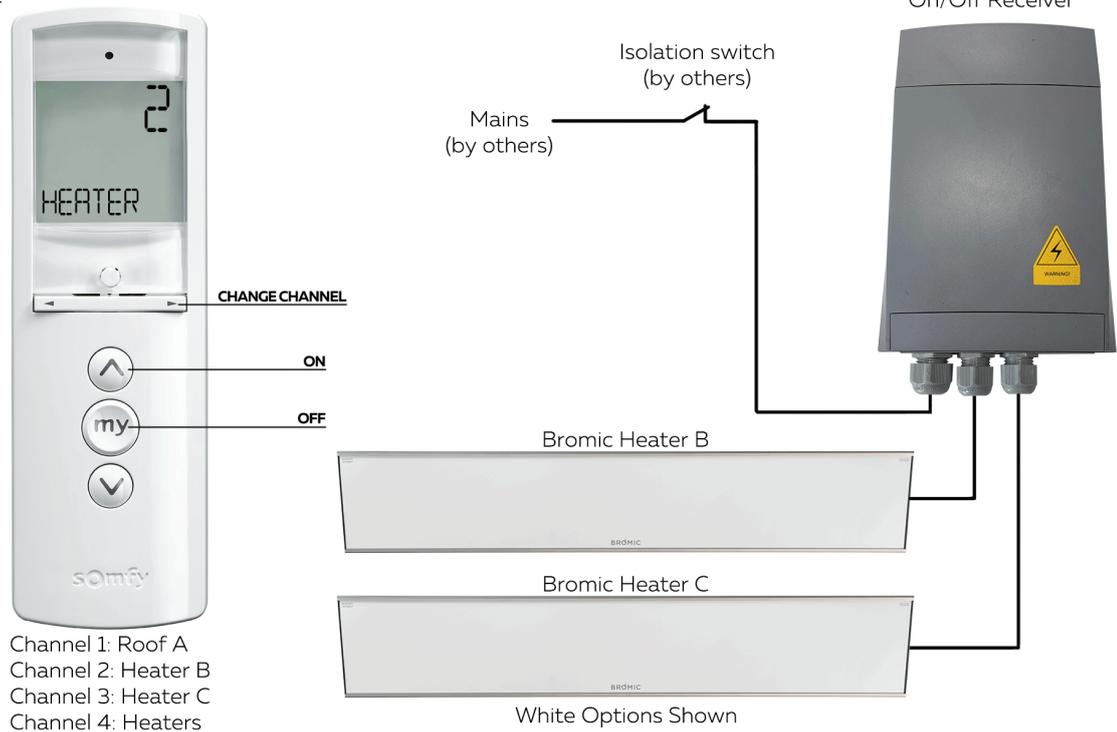
Cable protection (physical & UV) by others



Cable Required	3 core double insulated heavy duty flex 3 x ≥2.5mm
Voltage	230–240V/50Hz
Rated Current	19 Amps
Current Consumption	4.5KW

## WIRING DETAIL : MULTIPLE ON/OFF BROMIC HEATERS WITH SOMFY REMOTE

### ON/OFF HEATER



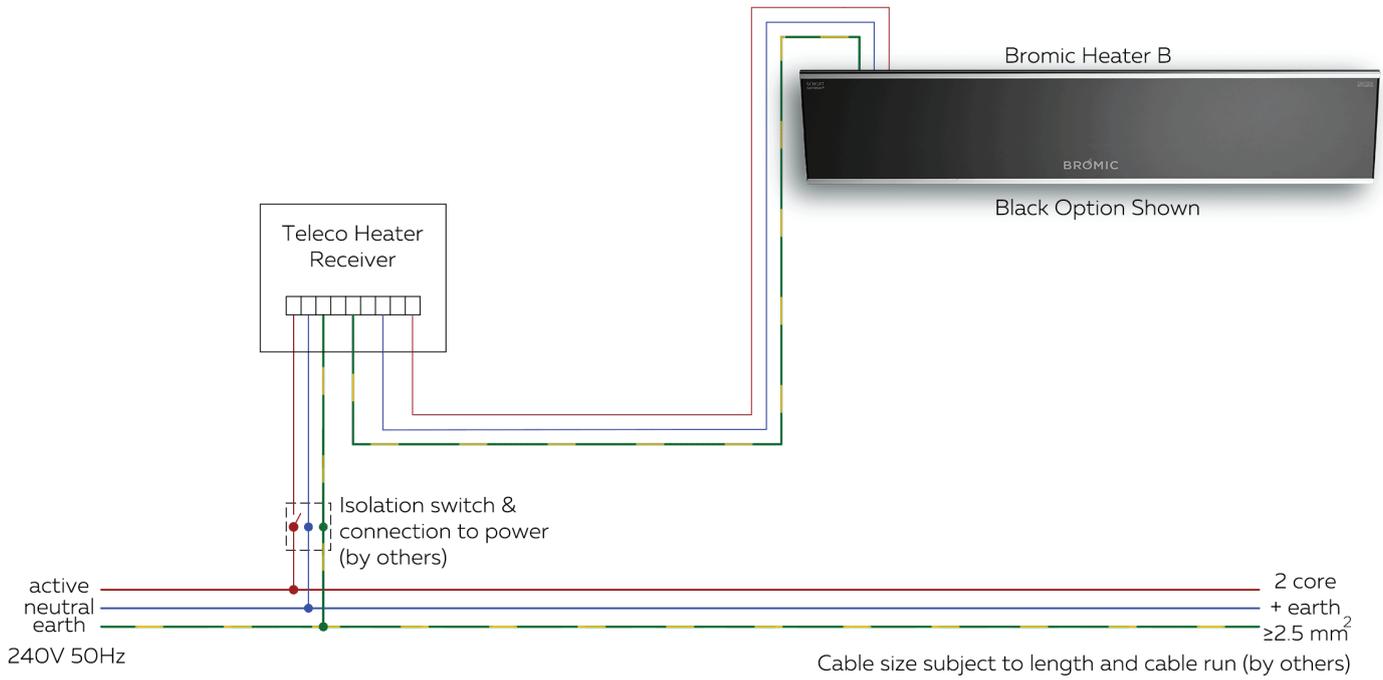
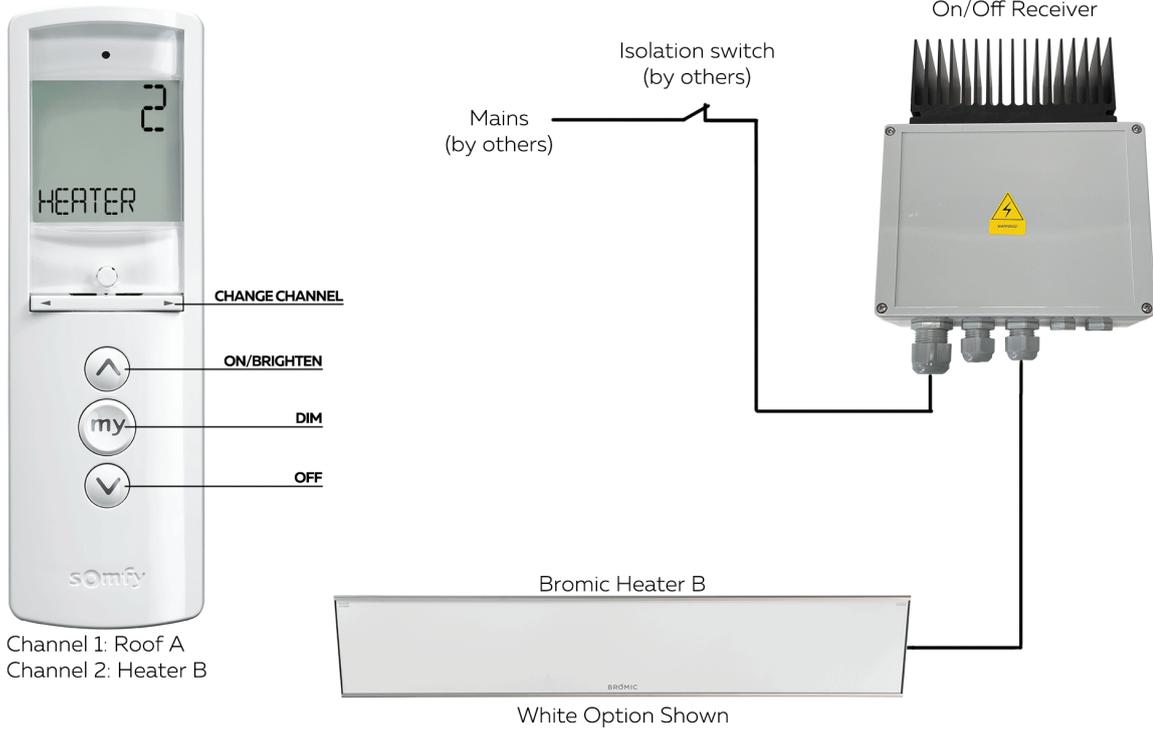
Cable protection (physical & UV) by others



Cable Required	3 core double insulated heavy duty flex 3 x ≥4mm supply & 3 x 2.5mm to heaters
Voltage	230–240V/50Hz
Rated Current	10 - 14.2 Amps per heater
Current Consumption	2.4 - 3.4KW per heater

## WIRING DETAIL : SINGLE DIMMABLE BROMIC HEATER WITH SOMFY REMOTE

### DIMMER HEATER



Cable protection (physical & UV) by others



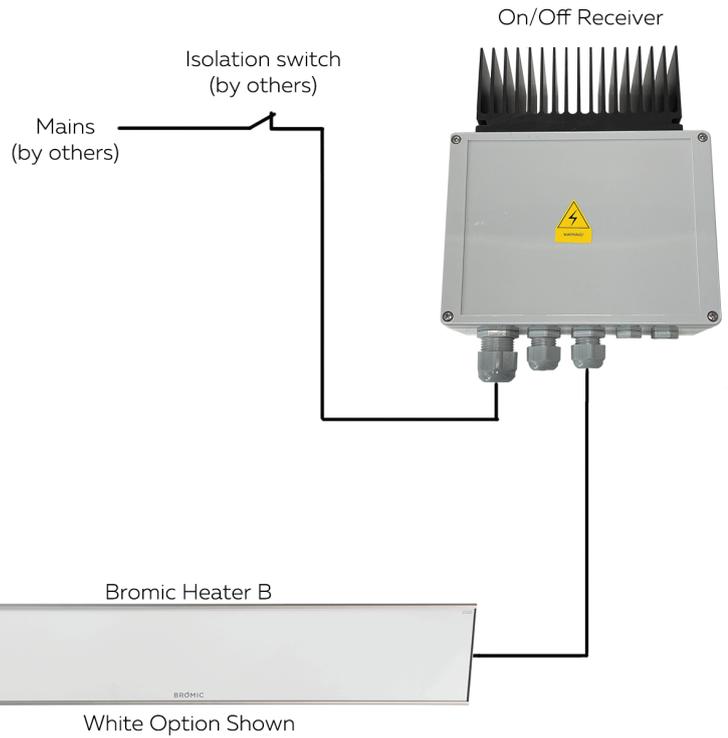
Cable Required	3 core double insulated heavy duty flex 3 x $\geq 2.5 \text{ mm}$
Voltage	230–240V/50Hz
Rated Current	10 - 14.2 Amps
Current Consumption	2.4 - 3.4KW

## WIRING DETAIL : SINGLE 4.5KW DIMMABLE BROMIC HEATER WITH SOMFY REMOTE

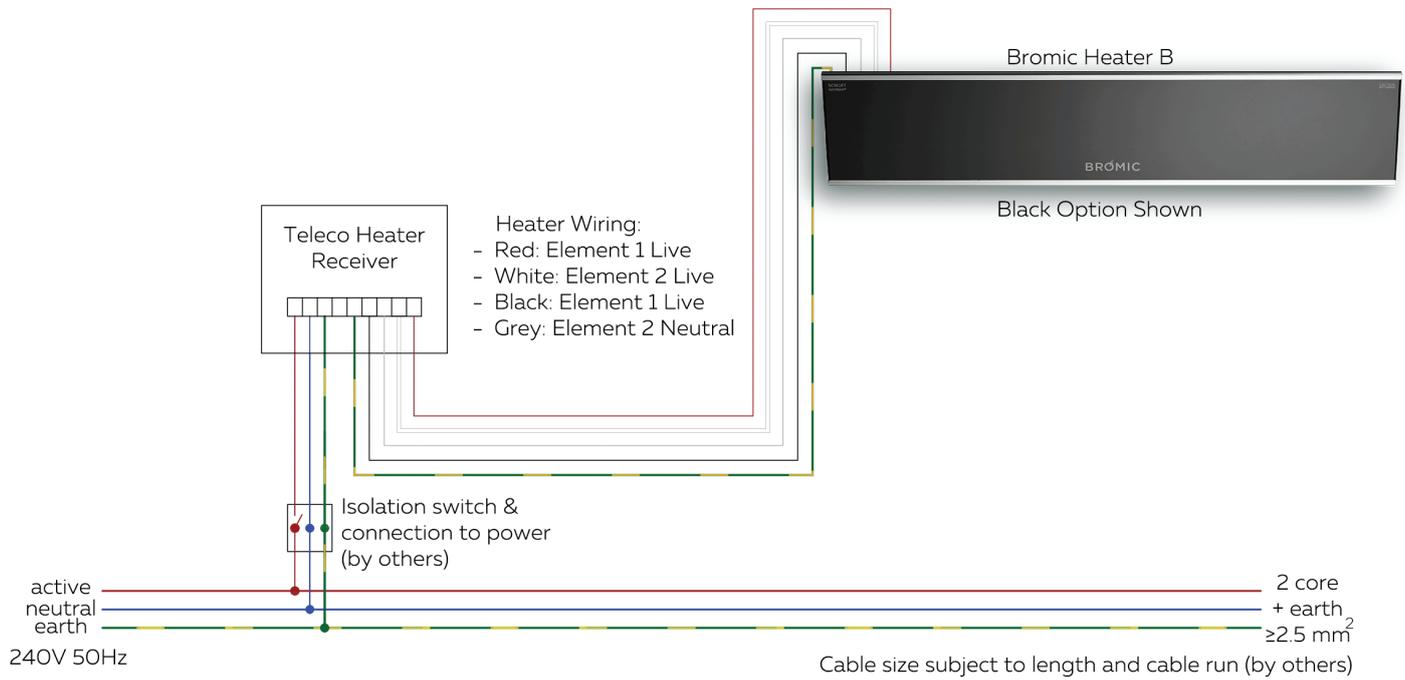
### DIMMER HEATER



Channel 1: Roof A  
Channel 2: Heater B



White Option Shown



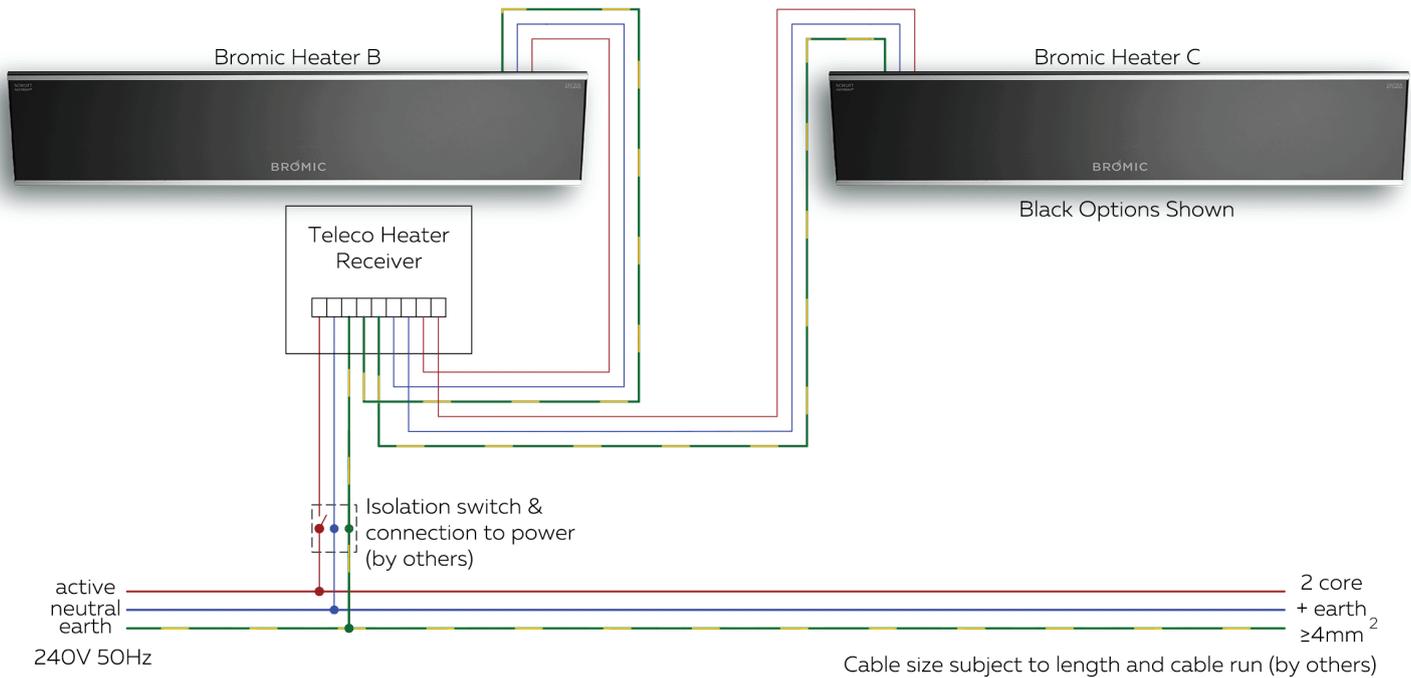
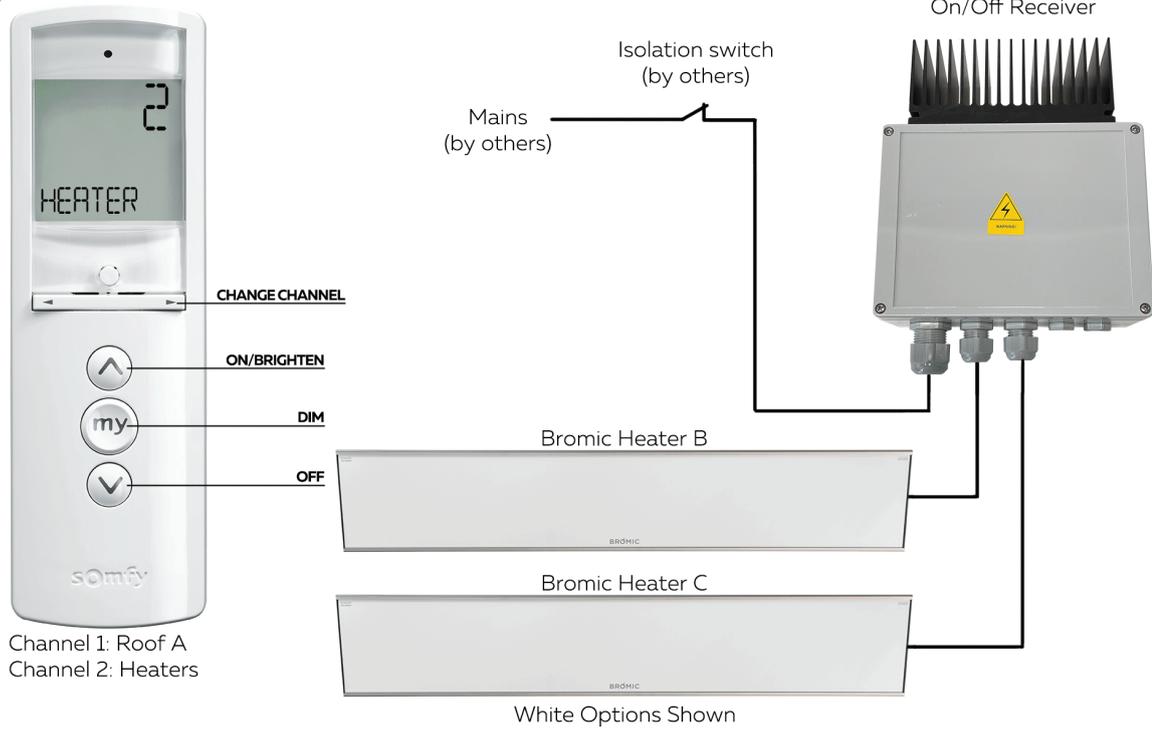
Cable protection (physical & UV) by others



Cable Required	3 core double insulated heavy duty flex 3 x $\geq 2.5 \text{ mm}$
Voltage	230–240V/50Hz
Rated Current	19 Amps
Current Consumption	4.5KW

# WIRING DETAIL : MULTIPLE DIMMABLE BROMIC HEATERS WITH SOMFY REMOTE

## DIMMER HEATER



Cable protection (physical & UV) by others



Cable Required	3 core double insulated heavy duty flex 3 x ≥4mm supply & 3 x 2.5mm to heaters
Voltage	230–240V/50Hz
Rated Current	10 - 14.2 Amps per heater
Current Consumption	2.4 - 3.4KW per heater

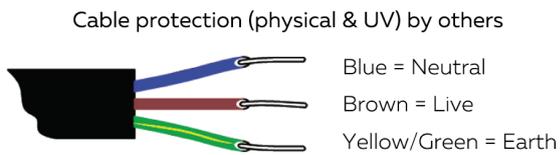
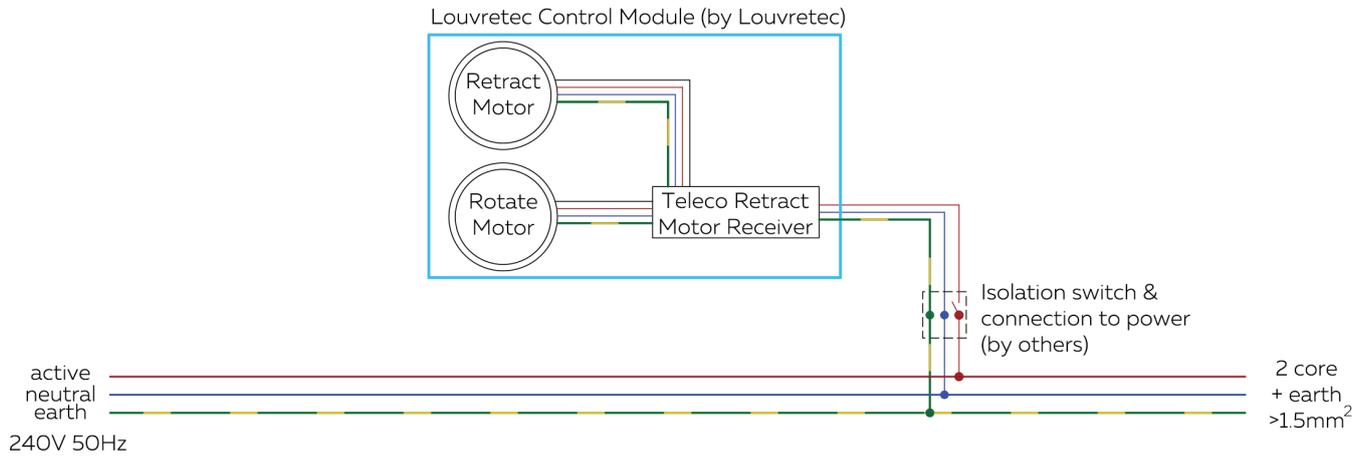
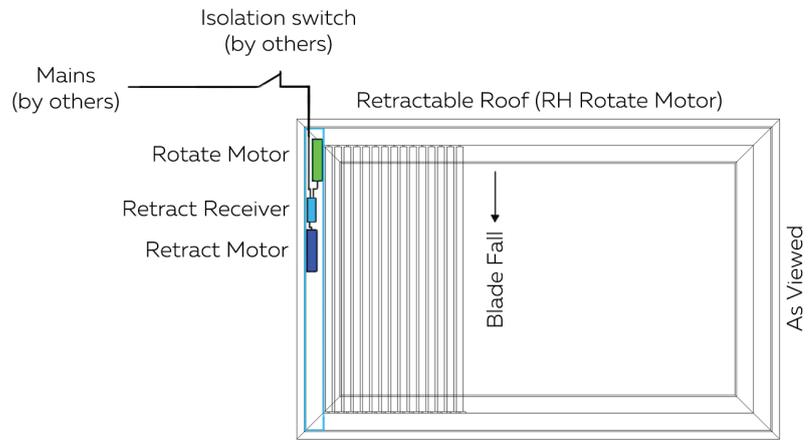
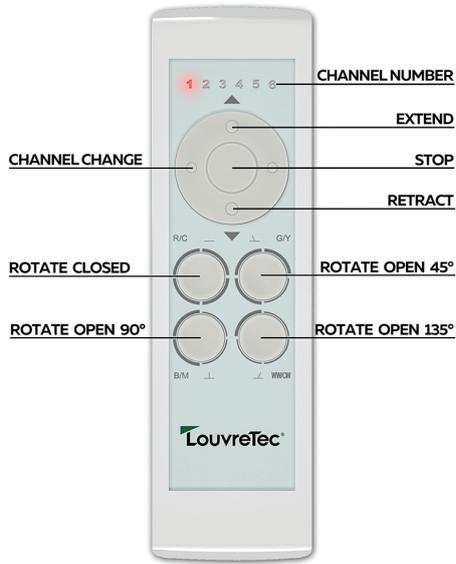


# RETRACT ROOF CONTROLLERS CONTENTS

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**WIRING DETAIL : SINGLE RETRACTABLE ROOF & LOUVRETEC REMOTE**

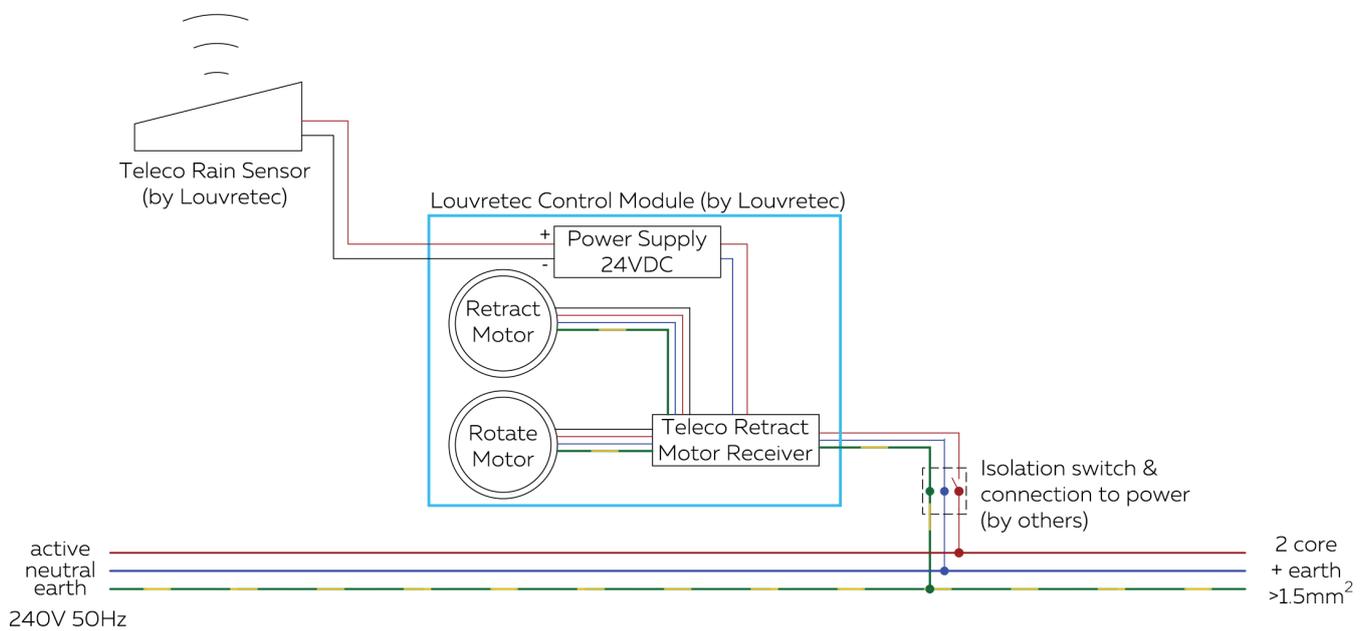
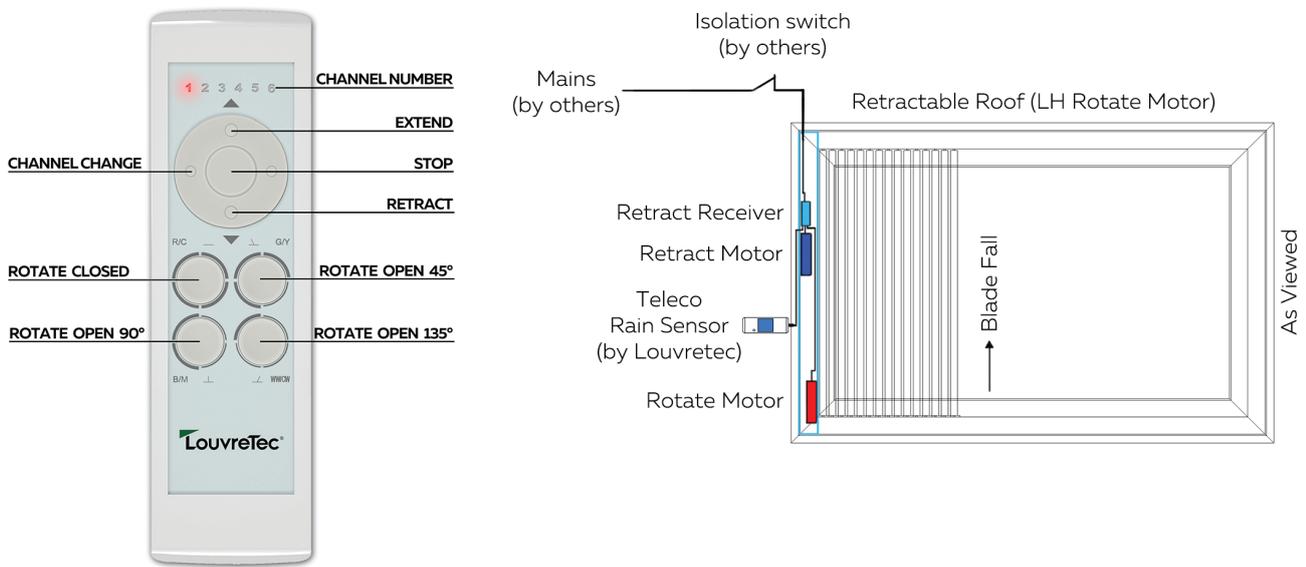
**RETRACTABLE ROOF**



Cable Required	3 core double insulated heavy duty flex 3 x 1.5mm
Voltage	230 - 240V/50Hz
Rated Current	0.8 Amps
Current Consumption	170 Watts

## WIRING DETAIL : SINGLE RETRACTABLE ROOF WITH RAIN SENSOR & LOUVRETEC REMOTE

### RETRACTABLE ROOF



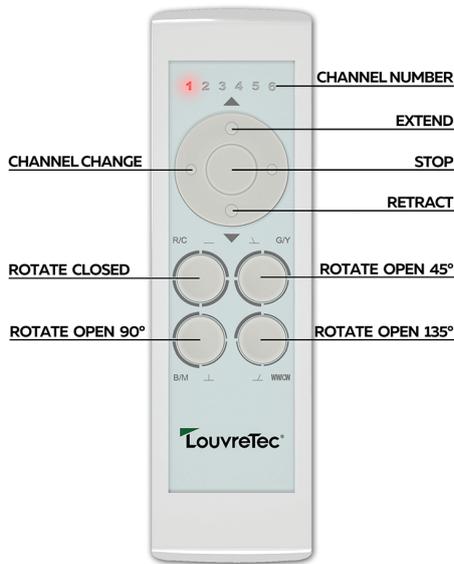
Cable protection (physical & UV) by others



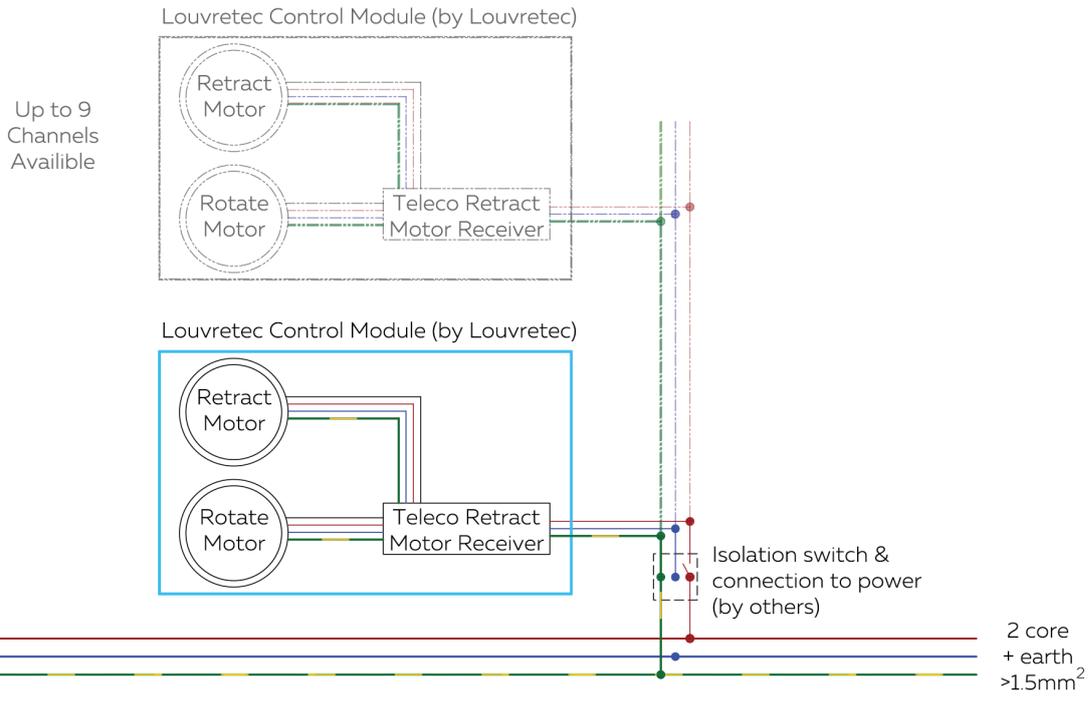
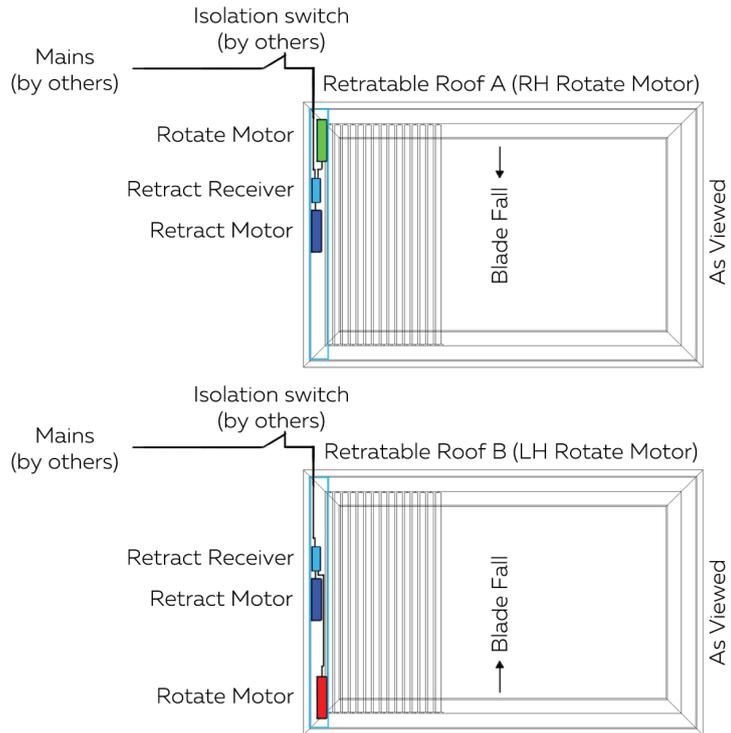
Cable Required	3 core double insulated heavy duty flex 3 x 1.5mm
Voltage	230 - 240V/50Hz
Rated Current	0.8 Amps
Current Consumption	170 Watts

# WIRING DETAIL : MULTIPLE RETRACTABLE ROOFS & LOUVRETEC REMOTE

## RETRACTABLE ROOF



Channel 1 - Retract Roof A+B  
 Channel 2 - Retract Roof A  
 Channel 3 - Retract Roof B



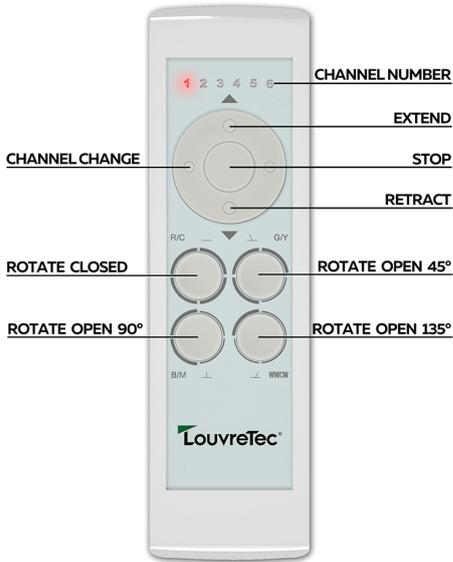
Cable protection (physical & UV) by others



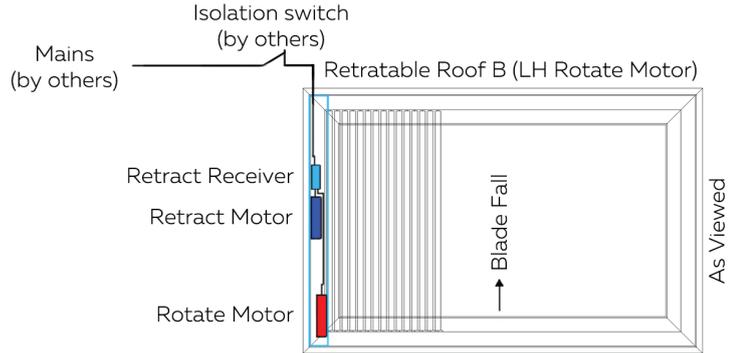
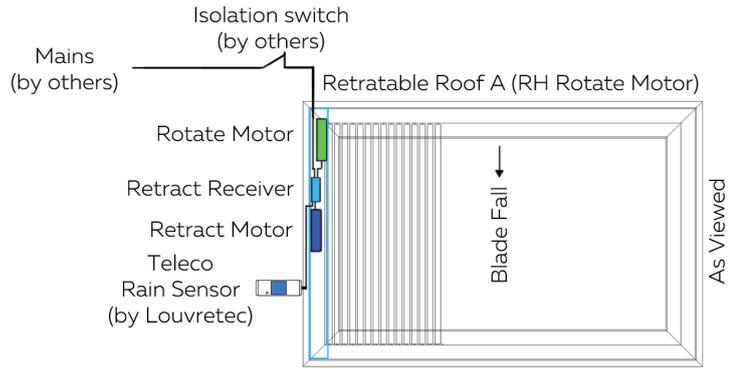
Cable Required	3 core double insulated heavy duty flex 3 x 1.5mm
Voltage	230–240V/50Hz
Rated Current	0.8 Amps per roof
Current Consumption	170 Watts per roof

## WIRING DETAIL : MULTIPLE RETRACTABLE ROOFS WITH RAIN SENSOR & LOUVRETEC REMOTE

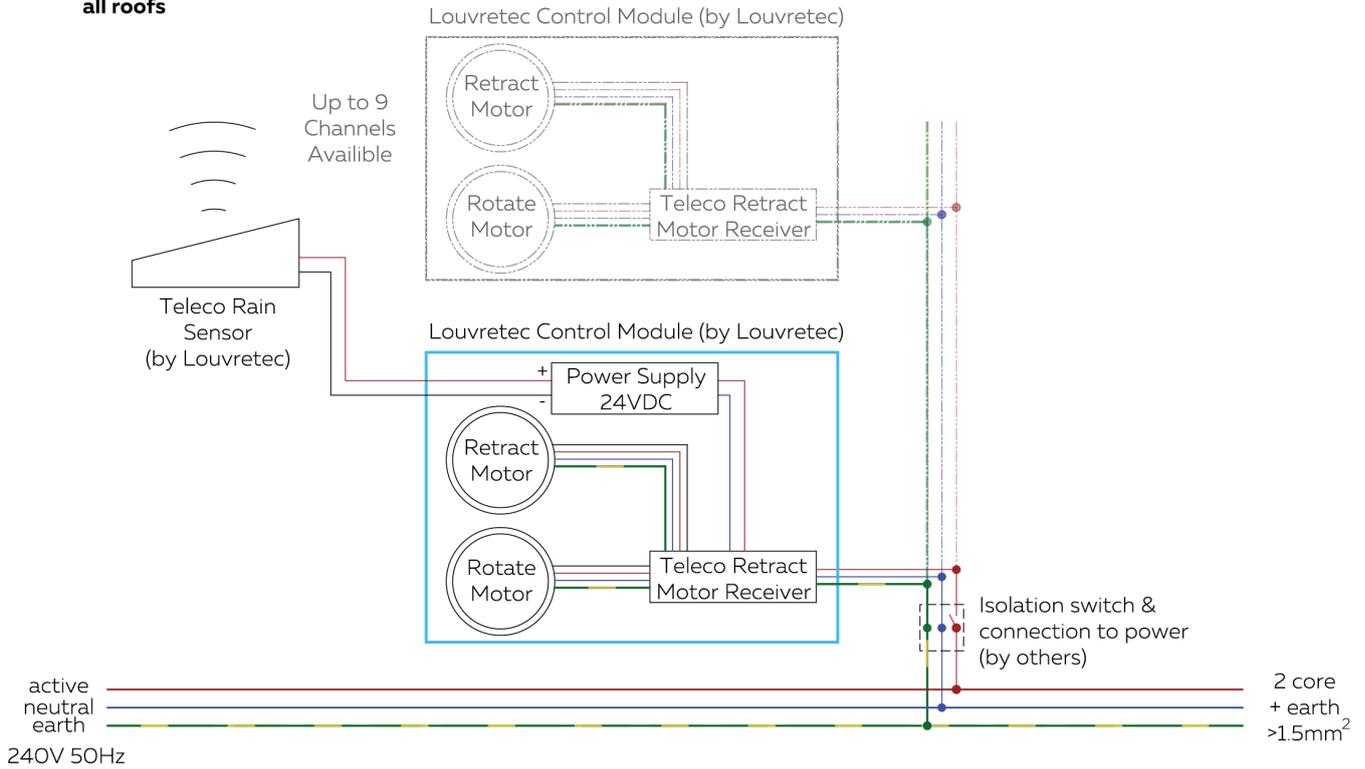
### RETRACTABLE ROOF



Channel 1 - Retract Roof A+B  
 Channel 2 - Retract Roof A  
 Channel 3 - Retract Roof B



### Rain Sensor controls all roofs



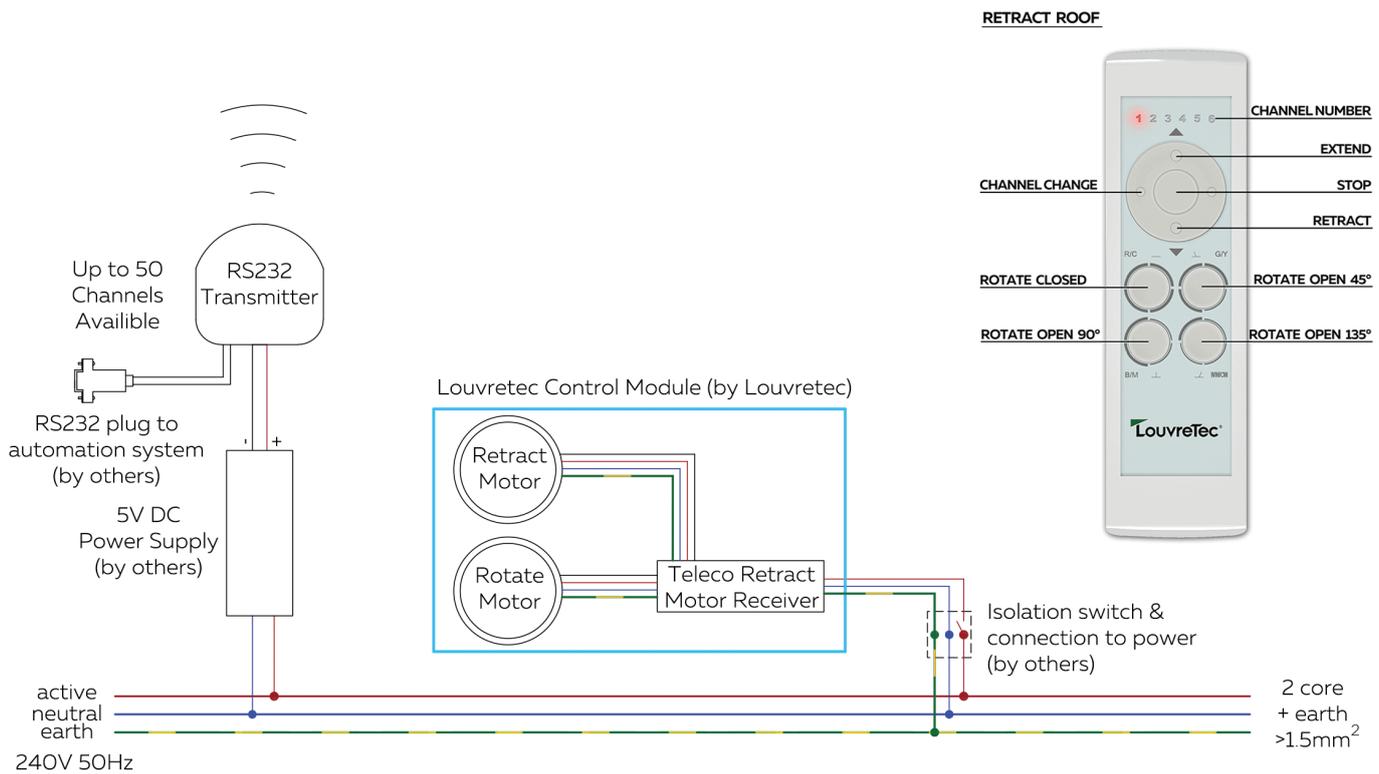
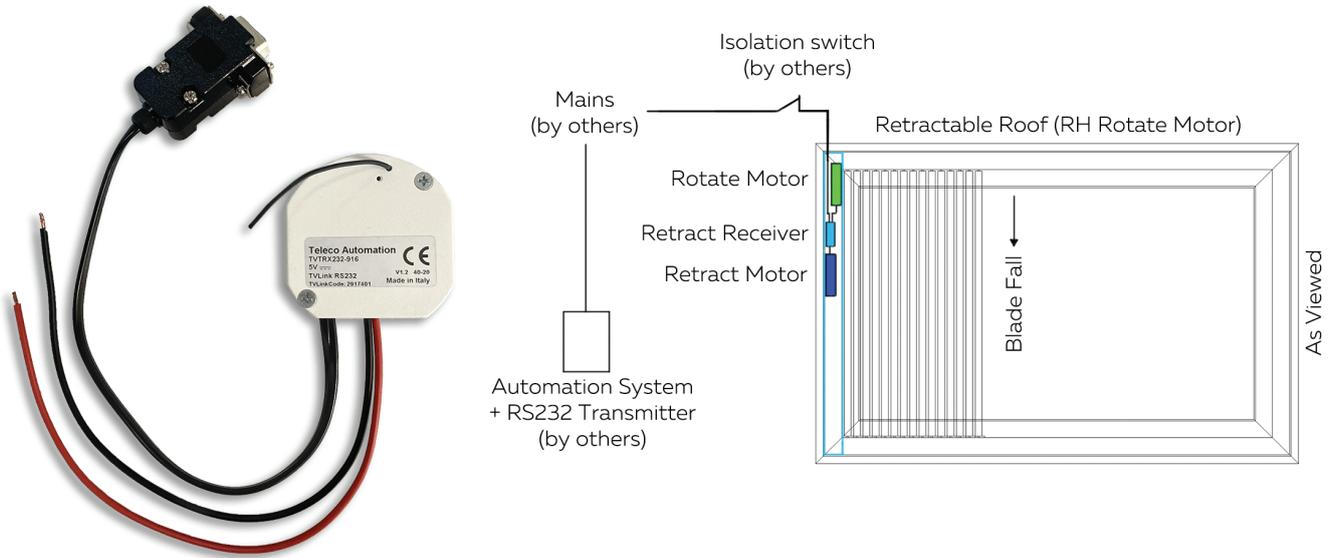
Cable protection (physical & UV) by others



Cable Required	3 core double insulated heavy duty flex 3 x 1.5mm
Voltage	230–240V/50Hz
Rated Current	0.8 Amps per roof
Current Consumption	170 Watts per roof

## WIRING DETAIL : SINGLE RETRACTABLE ROOFS WITH RS232 TRANSMITTER & OPTIONAL LOUVRETEC REMOTE

RS232 Transmitter is supplied by Louvretec (installed and implemented by others)



Cable protection (physical & UV) by others



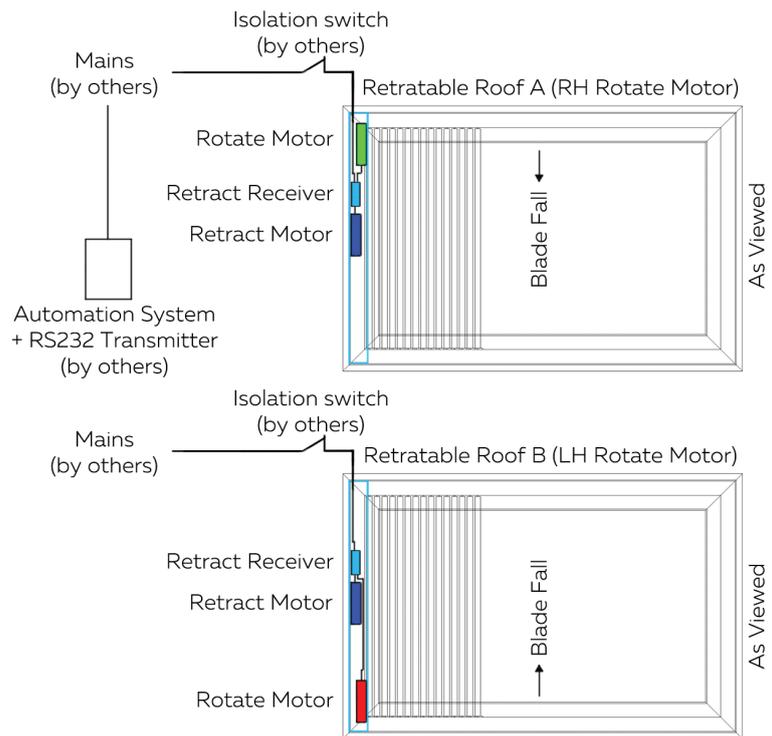
Cable Required	3 core double insulated heavy duty flex 3 x 1.5mm
Voltage	230–240V/50Hz
Rated Current	0.8 Amps per roof
Current Consumption	170 Watts per roof

## WIRING DETAIL : MULTIPLE RETRACTABLE ROOFS WITH RS232 TRANSMITTER & OPTIONAL LOUVRETEC REMOTE

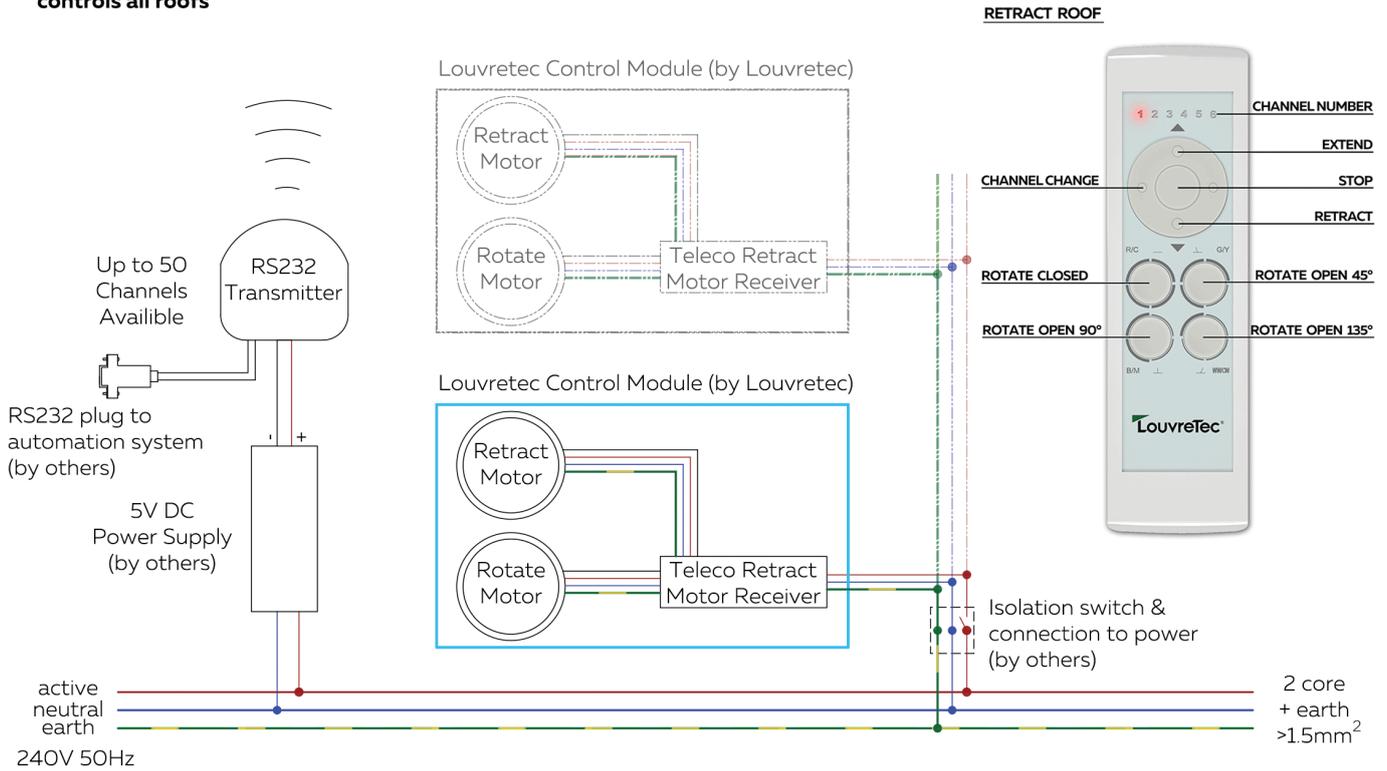
RS232 Transmitter is supplied by Louvretec (installed and implemented by others)



Channel 1 - Retract Roof A+B  
Channel 2 - Retract Roof A  
Channel 3 - Retract Roof B



### RS232 Transmitter controls all roofs

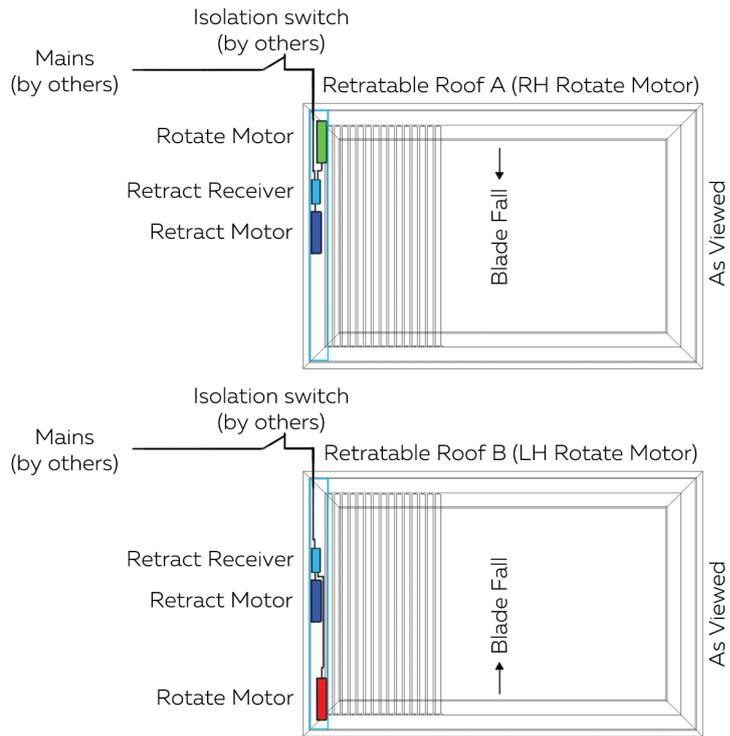
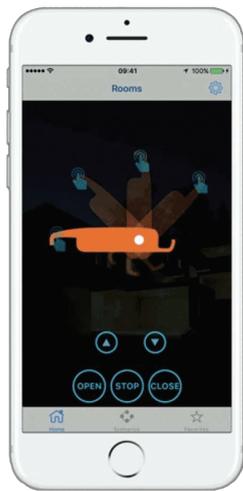


Cable protection (physical & UV) by others

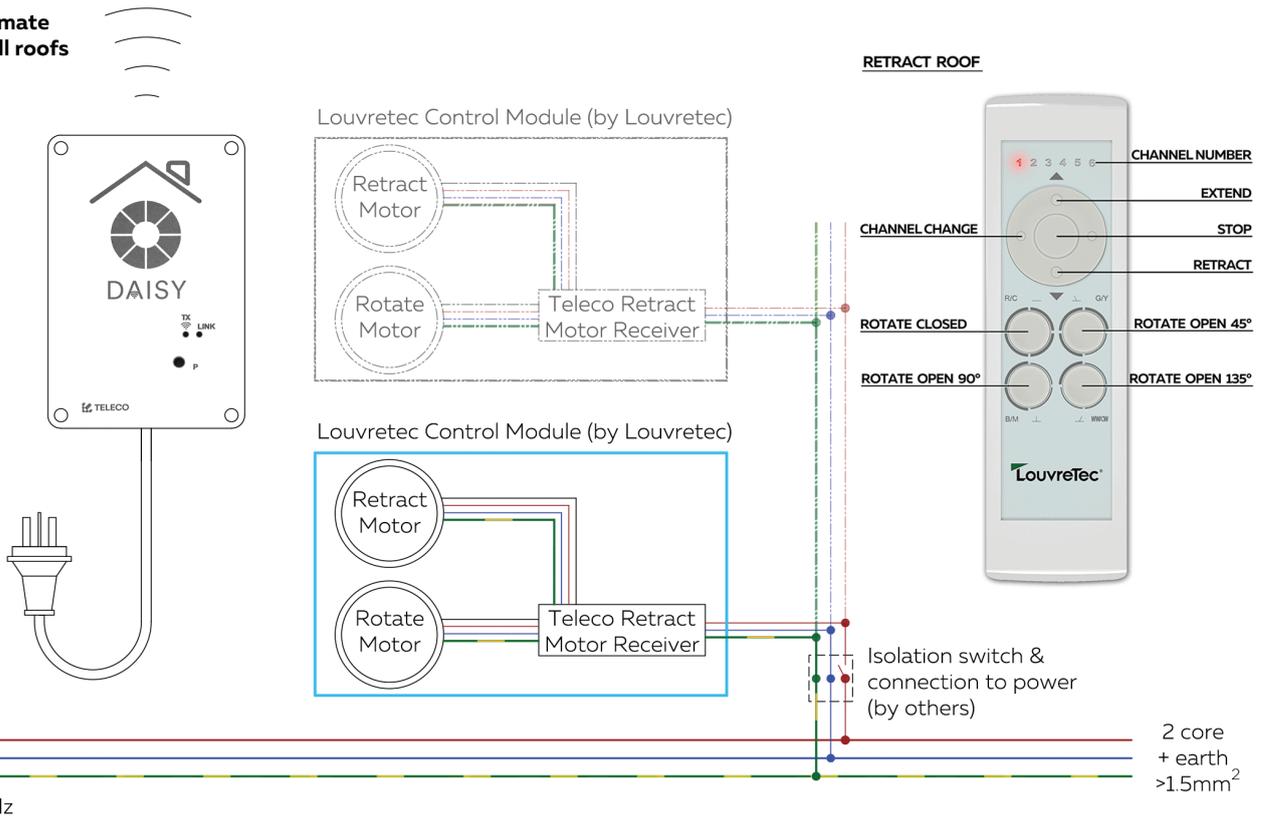


<b>Cable Required</b>	3 core double insulated heavy duty flex 3 x 1.5mm
<b>Voltage</b>	230–240V/50Hz
<b>Rated Current</b>	0.8 Amps per roof
<b>Current Consumption</b>	170 Watts per roof

**WIRING DETAIL : MULTIPLE RETRACTABLE ROOFS WITH DAISY/TMATE & OPTIONAL LOUVRETEC REMOTE**



**Daisy/Tmate controls all roofs**

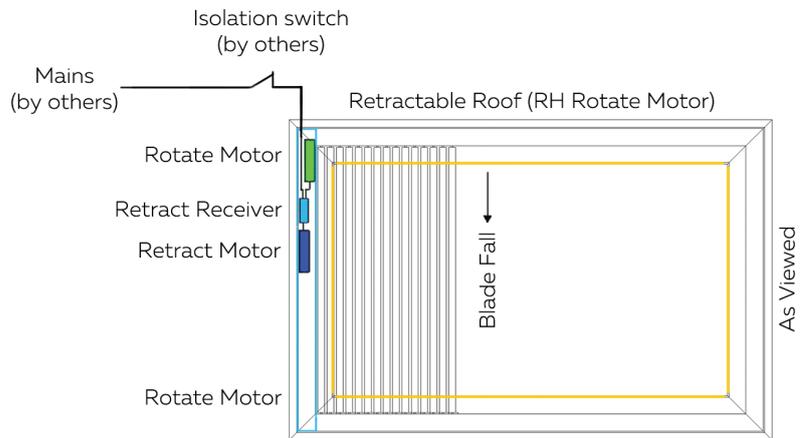
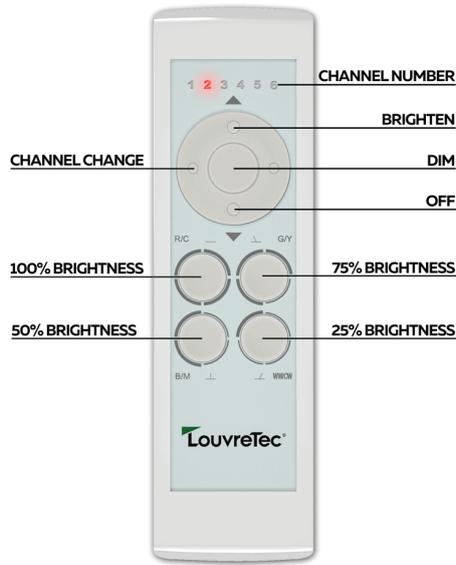


Cable protection (physical & UV) by others

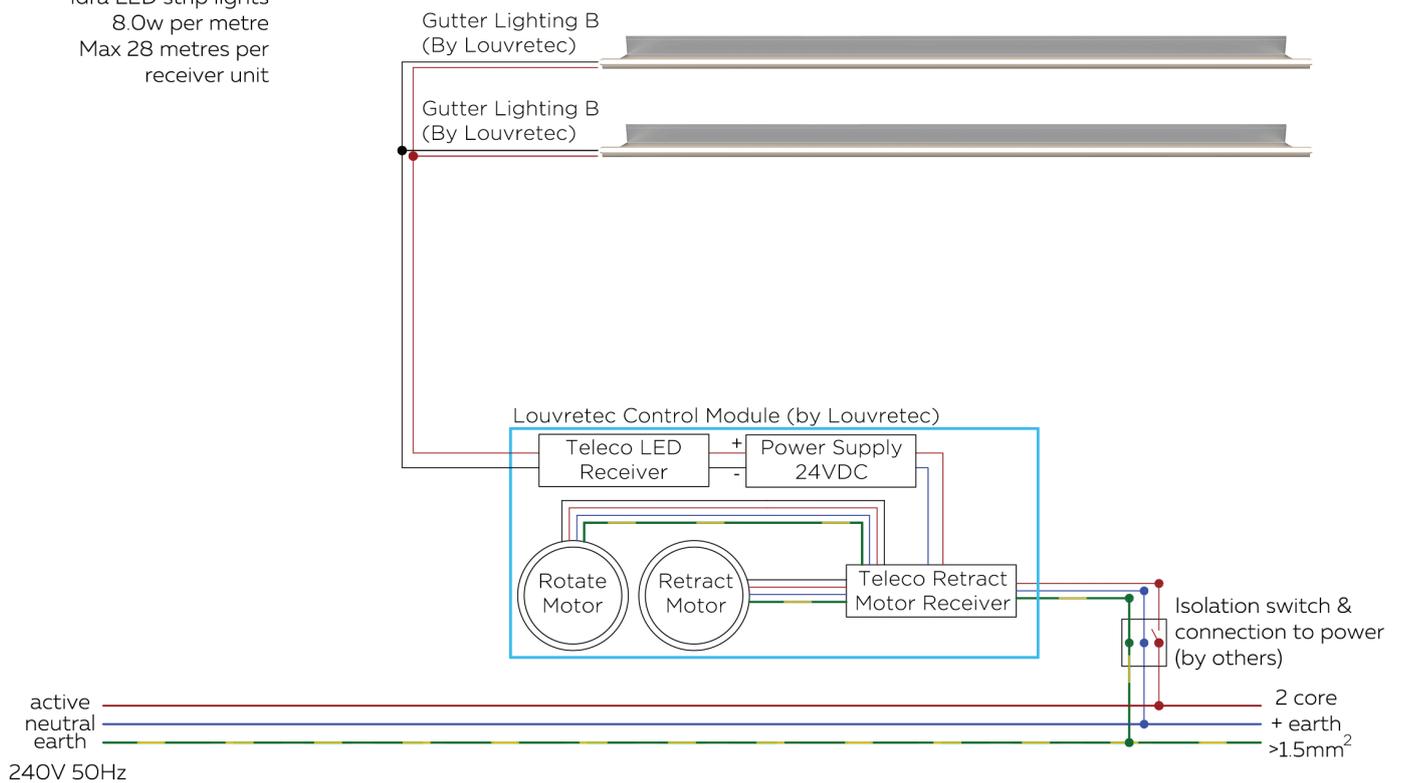


Cable Required	3 core double insulated heavy duty flex 3 x 1.5mm
Voltage	230–240V/50Hz
Rated Current	0.8 Amps per roof
Current Consumption	170 Watts per roof

## WIRING DETAIL : SINGLE RETRACTABLE ROOF WITH LOUVRETEC GUTTER STRIP LIGHTING & LOUVRETEC REMOTE



Idra LED strip lights  
8.0w per metre  
Max 28 metres per receiver unit

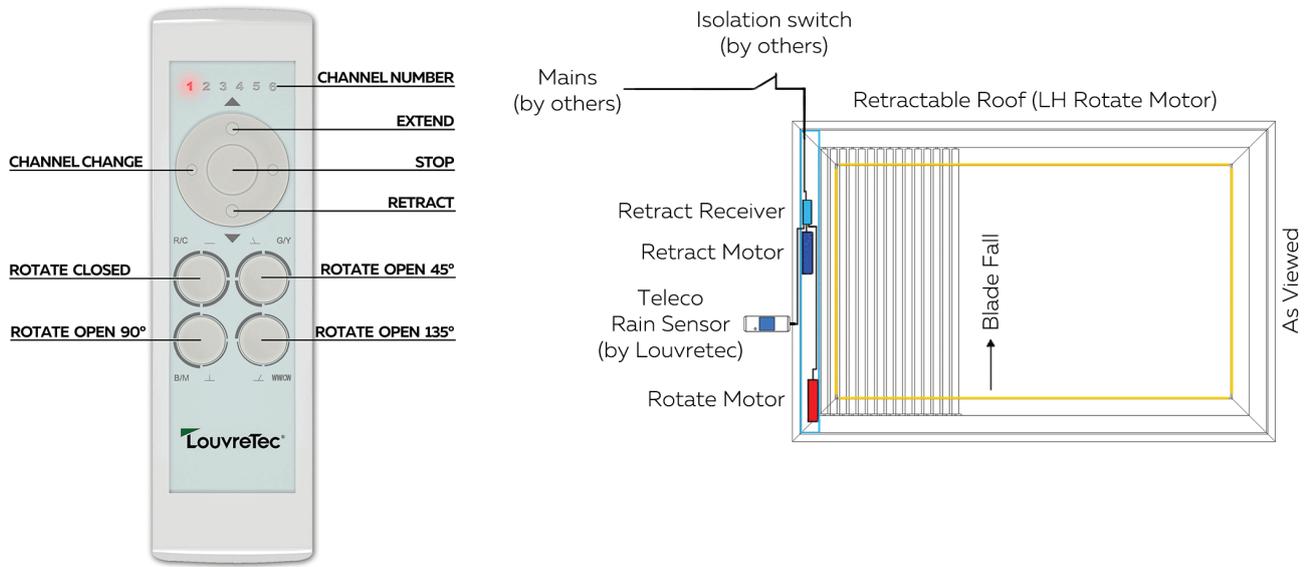


Cable protection (physical & UV) by others

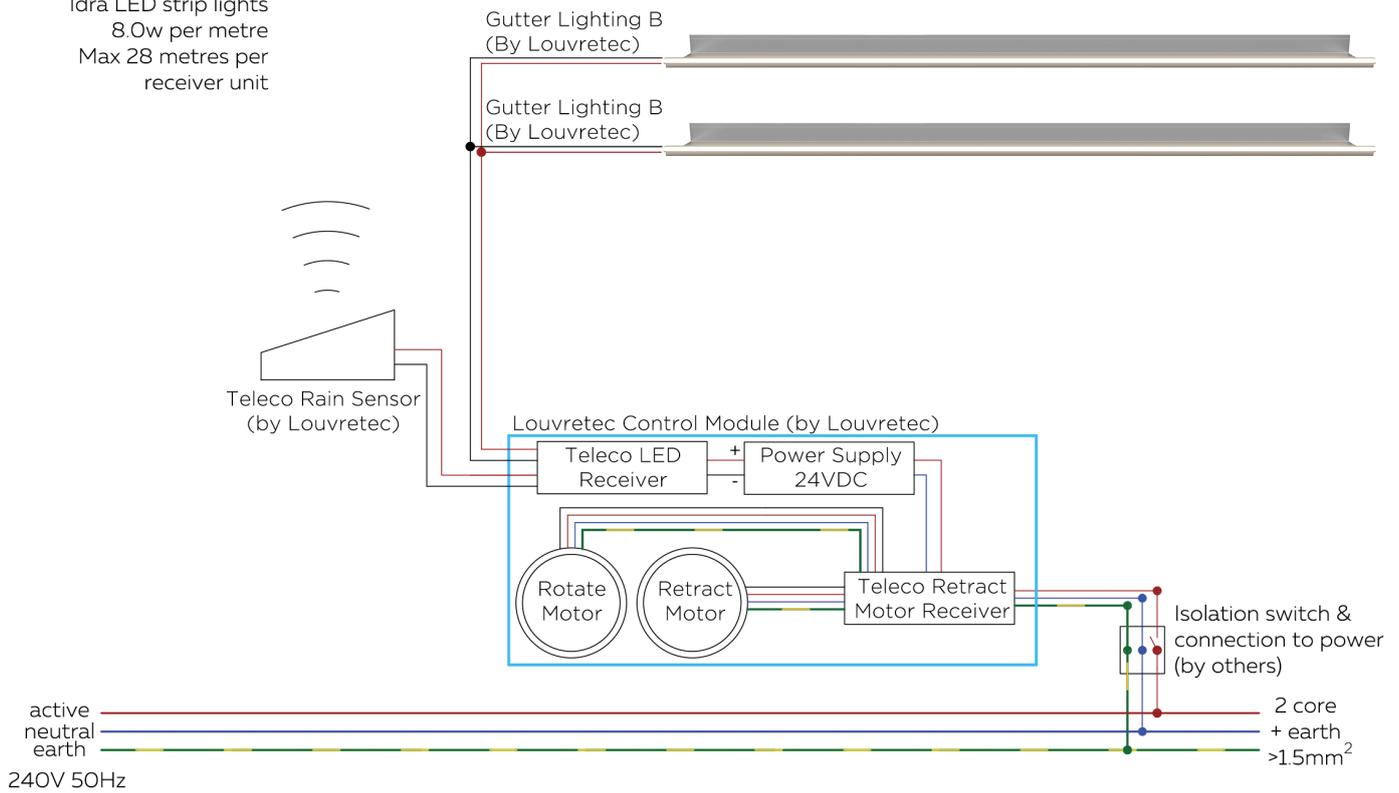


Cable Required	3 core double insulated heavy duty flex 3 x 1.5mm
Voltage	230 - 240V/50Hz
Rated Current	3.2 Amps per roof
Current Consumption	770 Watts per roof

**WIRING DETAIL : SINGLE RETRACTABLE ROOF WITH LOUVRETEC GUTTER STRIP LIGHTING, RAIN SENSOR & LOUVRETEC REMOTE**



Idra LED strip lights  
8.0w per metre  
Max 28 metres per  
receiver unit



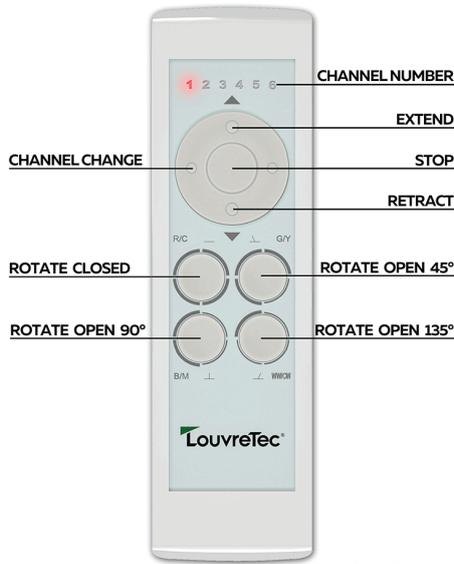
Cable protection (physical & UV) by others



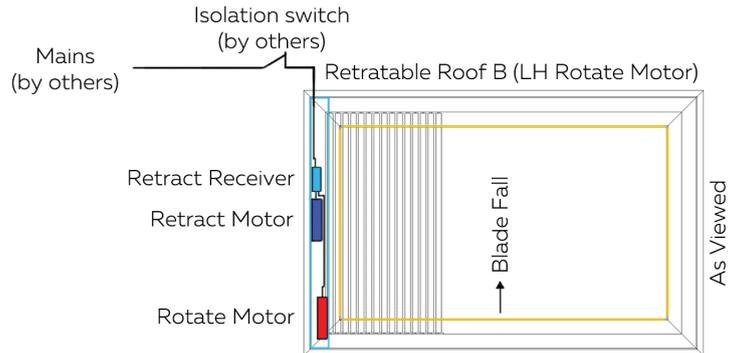
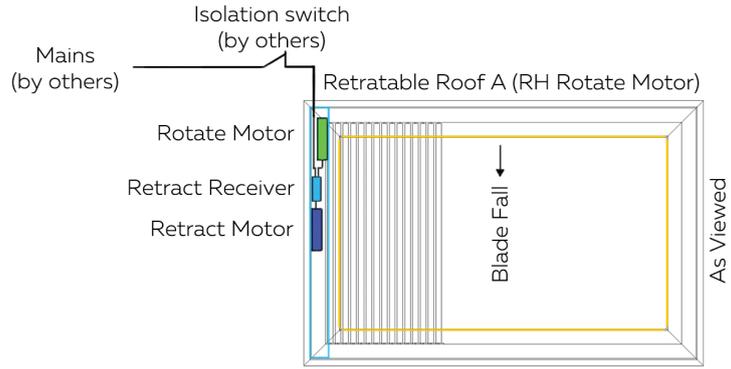
Cable Required	3 core double insulated heavy duty flex 3 x 1.5mm
Voltage	230 - 240V/50Hz
Rated Current	3.2 Amps per roof
Current Consumption	770 Watts per roof

## WIRING DETAIL : MULTIPLE RETRACTABLE ROOFS WITH LOUVRETEC GUTTER STRIP LIGHTING & LOUVRETEC REMOTE

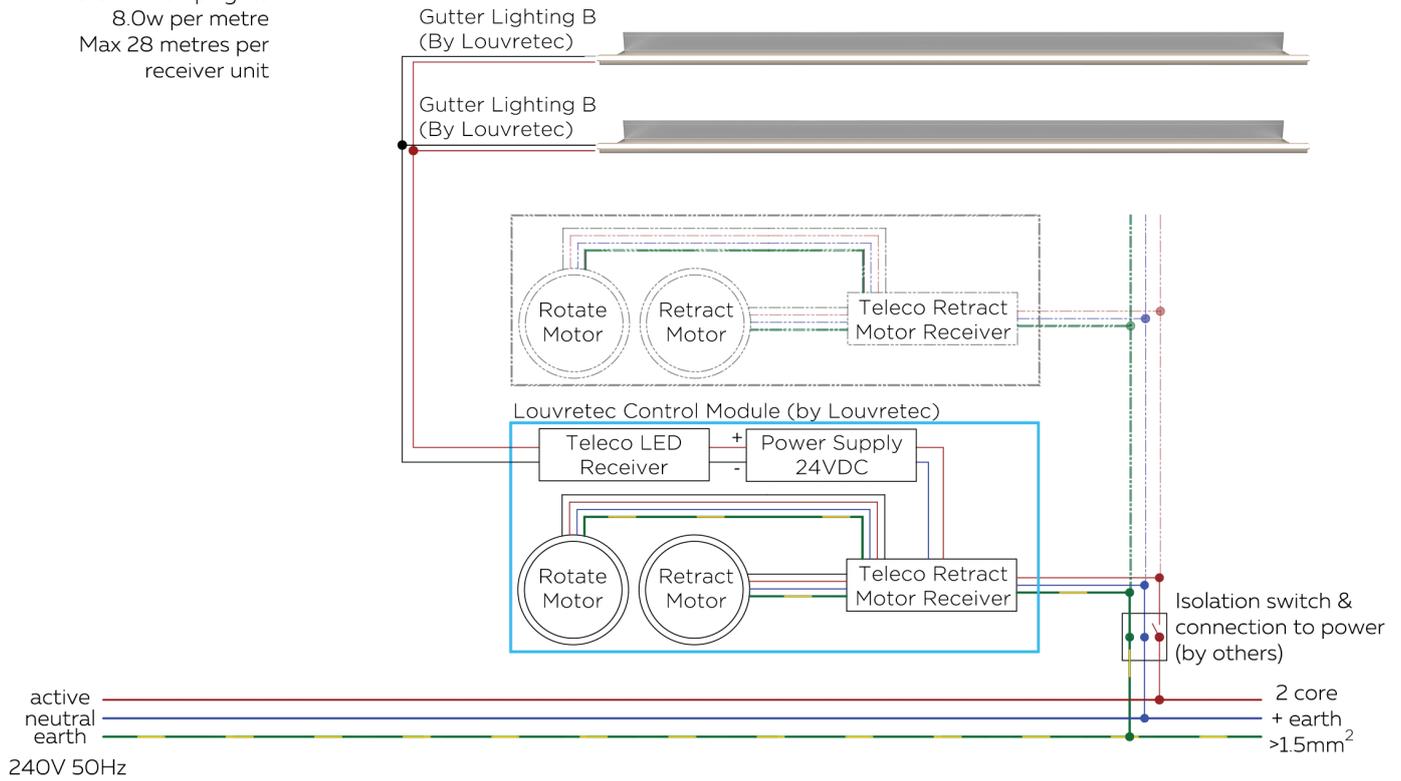
### RETRACTABLE ROOF



Channel 1 - Retract Roof A+B  
 Channel 2 - Retract Roof A  
 Channel 3 - Retract Roof B  
 Channel 4 - Lighting C



Idra LED strip lights  
 8.0w per metre  
 Max 28 metres per receiver unit



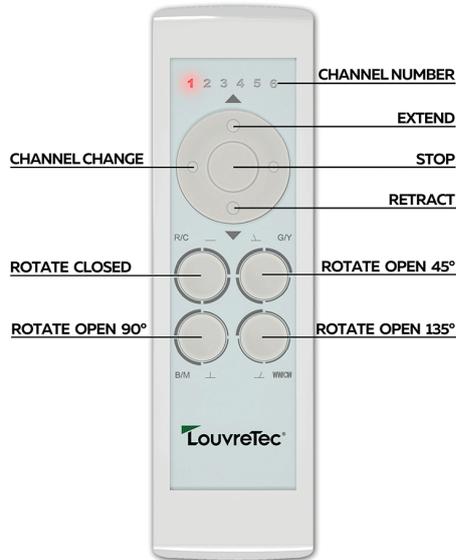
Cable protection (physical & UV) by others



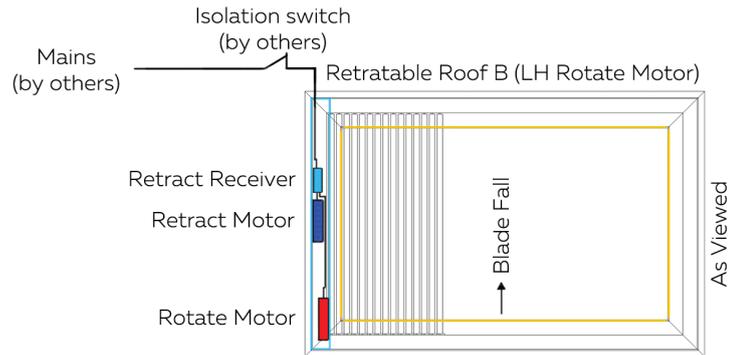
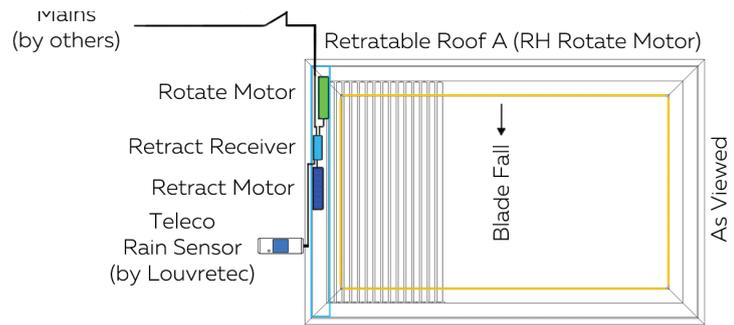
Blue = Neutral  
 Brown = Live  
 Yellow/Green = Earth

Cable Required	3 core double insulated heavy duty flex 3 x 1.5mm
Voltage	230–240V/50Hz
Rated Current	2.5 Amps + 0.8 Amps per roof
Current Consumption	570 Watts + 170 Watts per roof

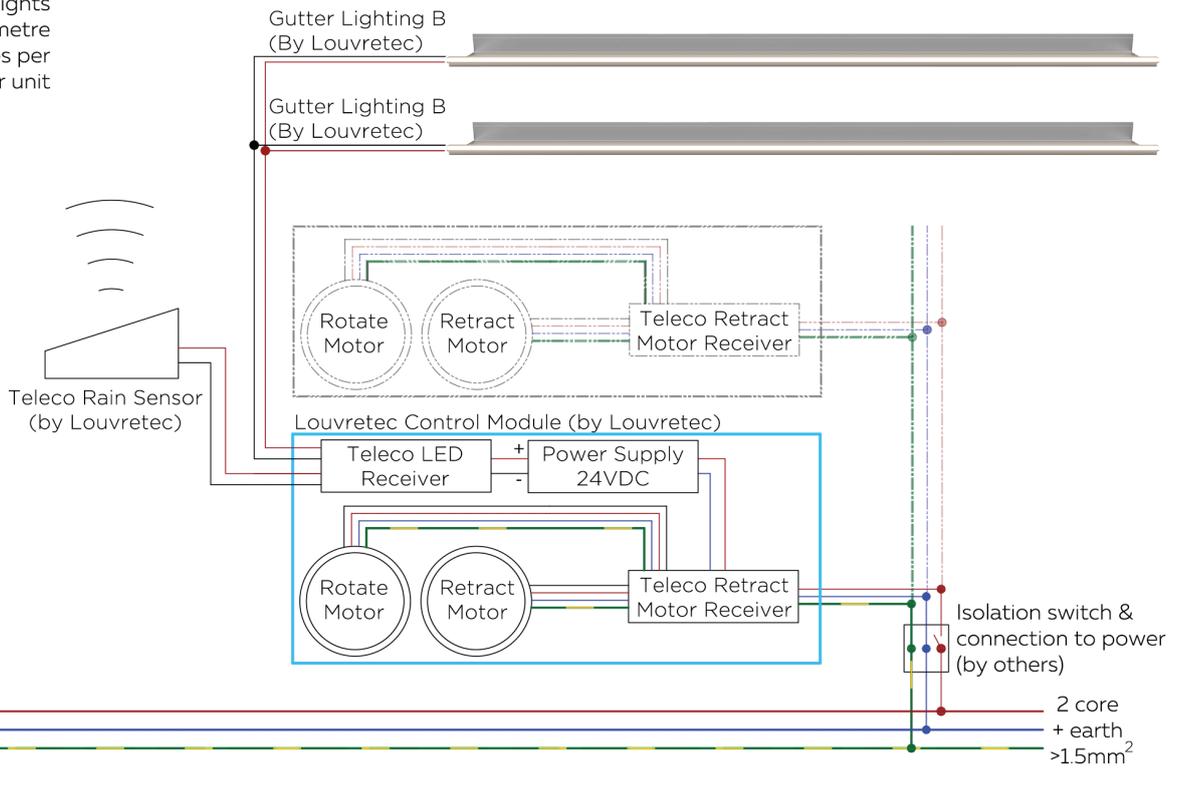
**WIRING DETAIL : MULTIPLE RETRACTABLE ROOFS WITH LOUVRETEC GUTTER STRIP LIGHTING, RAIN SENSOR & LOUVRETEC REMOTE**



Channel 1 - Retract Roof A+B  
 Channel 2 - Retract Roof A  
 Channel 3 - Retract Roof B  
 Channel 4 - Lighting C



Idra LED strip lights  
 8.0w per metre  
 Max 28 metres per receiver unit



Cable protection (physical & UV) by others



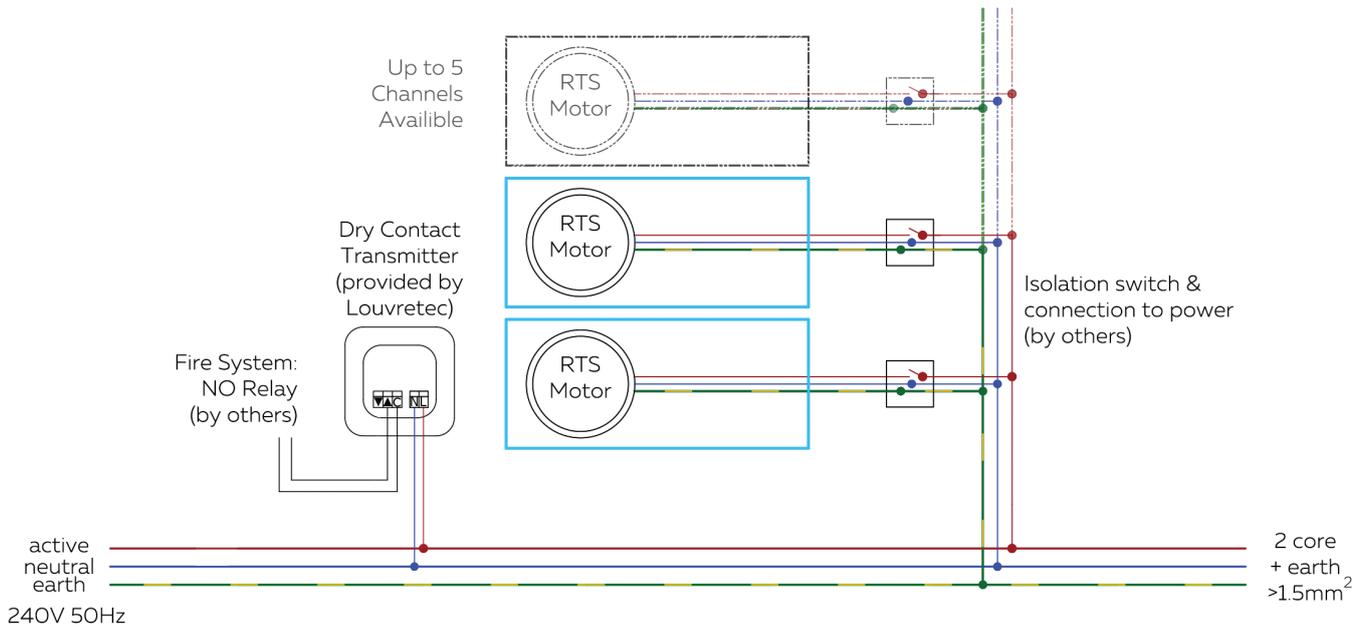
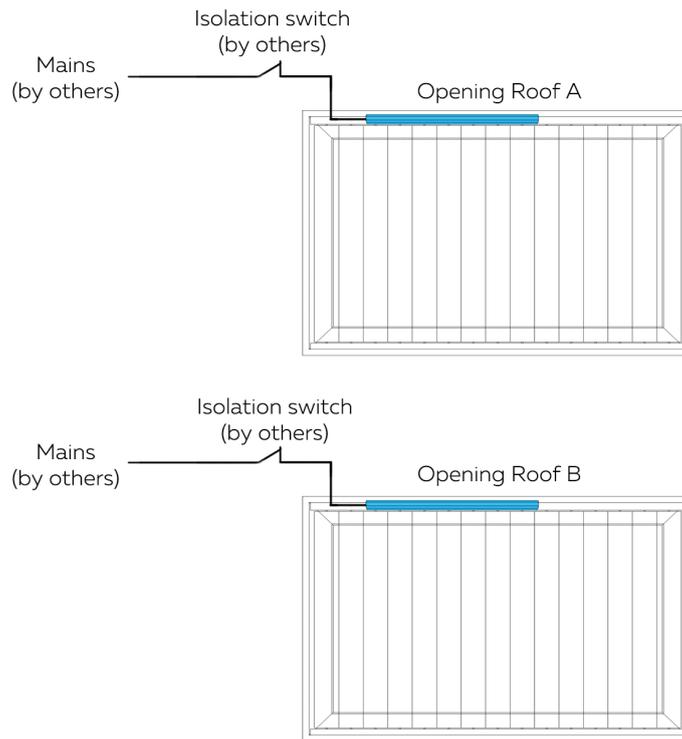
Cable Required	3 core double insulated heavy duty flex 3 x 1.5mm
Voltage	230–240V/50Hz
Rated Current	2.5 Amps + 0.8 Amps per roof
Current Consumption	570 Watts + 170 Watts per roof

## WIRING DETAIL : MULTIPLE SOMFY RTS MOTORS & SOMFY REMOTE OPENED BY FIRE SYSTEM

### OPENING ROOF



Channel 1 ●○○○ Roof A  
 Channel 2 ○●○○ Roof B  
 Channel 5 ●●●● Roof A+B



Cable protection (physical & UV) by others



Cable Required	3 core double insulated heavy duty flex 3 x 1.5mm
Voltage	230–240V/50Hz
Rated Current	0.8 Amps per motor
Current Consumption	170 Watts per motor

## REMOTE CONTROL INSTRUCTION CARD FOR SITUO 5 REMOTE

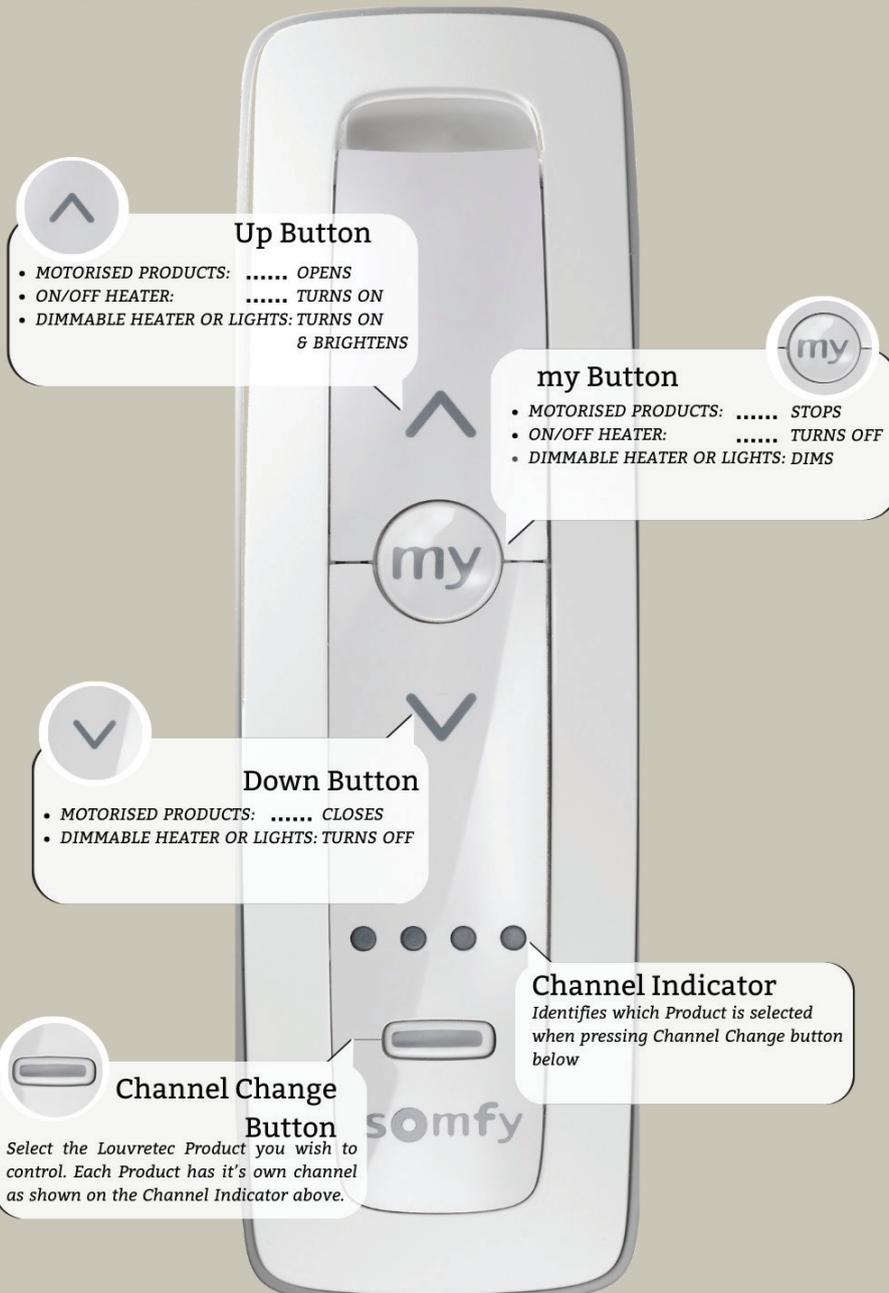
**READ ME FIRST:**

- DETERMINE WHICH STYLE OF REMOTE CONTROL YOU HAVE (see over)

This Situo 5 Remote Control has the ability to control five Louvretec Products individually or grouped - including;

Motorised Opening Roofs | Sun Louvre Panels | Outdoor Blinds | Heating & Lighting.

Use this instruction card to guide you through each button's function depending on product selected as indicated on the Channel Indicator. It's important to first select the product you wish to operate using the Channel Change Button at the bottom of the remote.



**Up Button**

- **MOTORIZED PRODUCTS:** ..... OPENS
- **ON/OFF HEATER:** ..... TURNS ON
- **DIMMABLE HEATER OR LIGHTS:** TURNS ON & BRIGHTENS

**my Button**

- **MOTORIZED PRODUCTS:** ..... STOPS
- **ON/OFF HEATER:** ..... TURNS OFF
- **DIMMABLE HEATER OR LIGHTS:** DIMS

**Down Button**

- **MOTORIZED PRODUCTS:** ..... CLOSES
- **DIMMABLE HEATER OR LIGHTS:** TURNS OFF

**Channel Indicator**  
Identifies which Product is selected when pressing Channel Change button below

**Channel Change Button**  
Select the Louvretec Product you wish to control. Each Product has it's own channel as shown on the Channel Indicator above.

www.louvretec.com



## REMOTE CONTROL INSTRUCTION CARD FOR TELIS 16 REMOTE

**READ ME FIRST:**

- DETERMINE WHICH STYLE OF REMOTE CONTROL YOU HAVE (see over)

This Telis 16 Remote Control has the ability to control 16 Louvretec Products individually or grouped - including;

Motorised Opening Roofs | Sun Louvre Panels | Outdoor Blinds | Heating & Lighting.

Use this instruction card to guide you through each button's function depending on product selected as indicated on the Channel Indicator. It's important to first select the product you wish to operate using the Channel Change Button at the bottom of the remote.



www.louvretec.com

