



RETRACT ROOFS CONFIGURATION

TWO MOTORS FOR TWO FUNCTIONS

Louvretec's Retract Roofs have two operating functions, each controlled by separate Somfy 25Nm motors

Motor 1 - Retract Motor

This Motor Retracts | Extends the Louvre Blades

Motor 2 - Rotate motor

This Motor functions like a standard Opening Roof - rotating the Louvre Blades between 0 to 135°

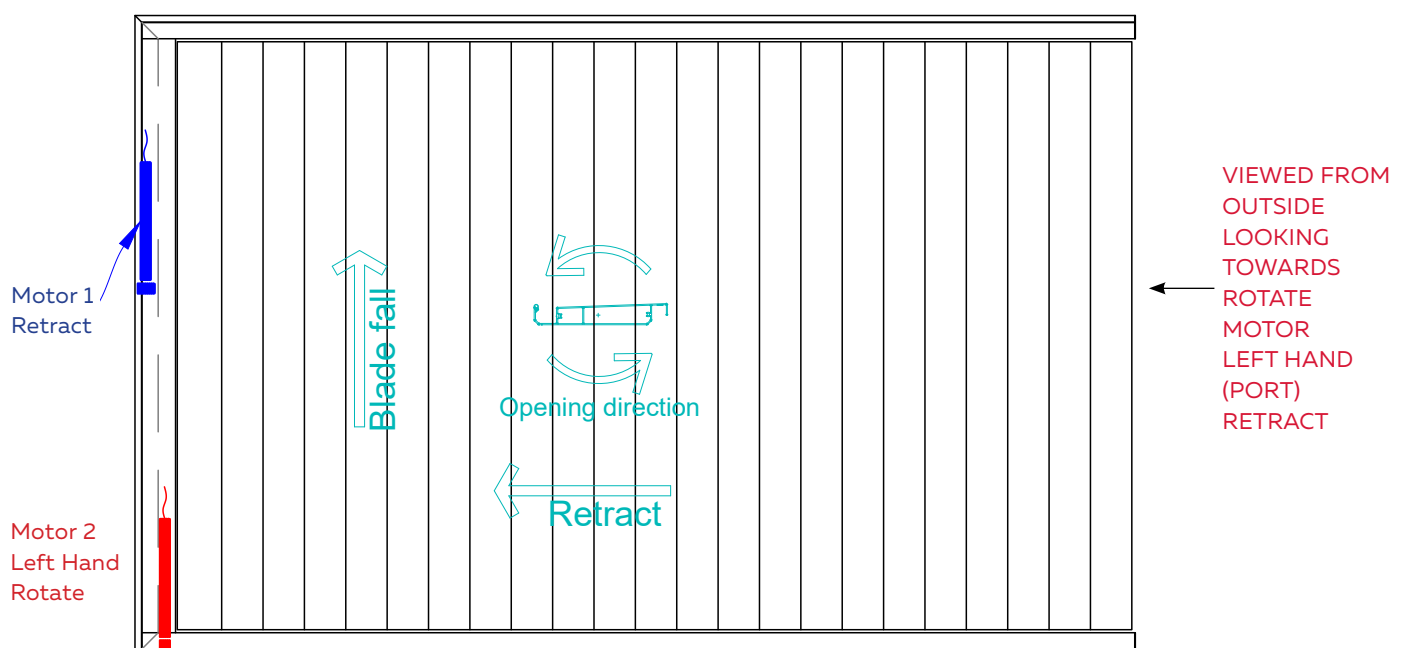
Fall on blades

This is determined by the location of the **Rotate Motor** which is always located on the high side of the Blade. Fall on Blades is always 60mm from Drive Side down to Passive Side.



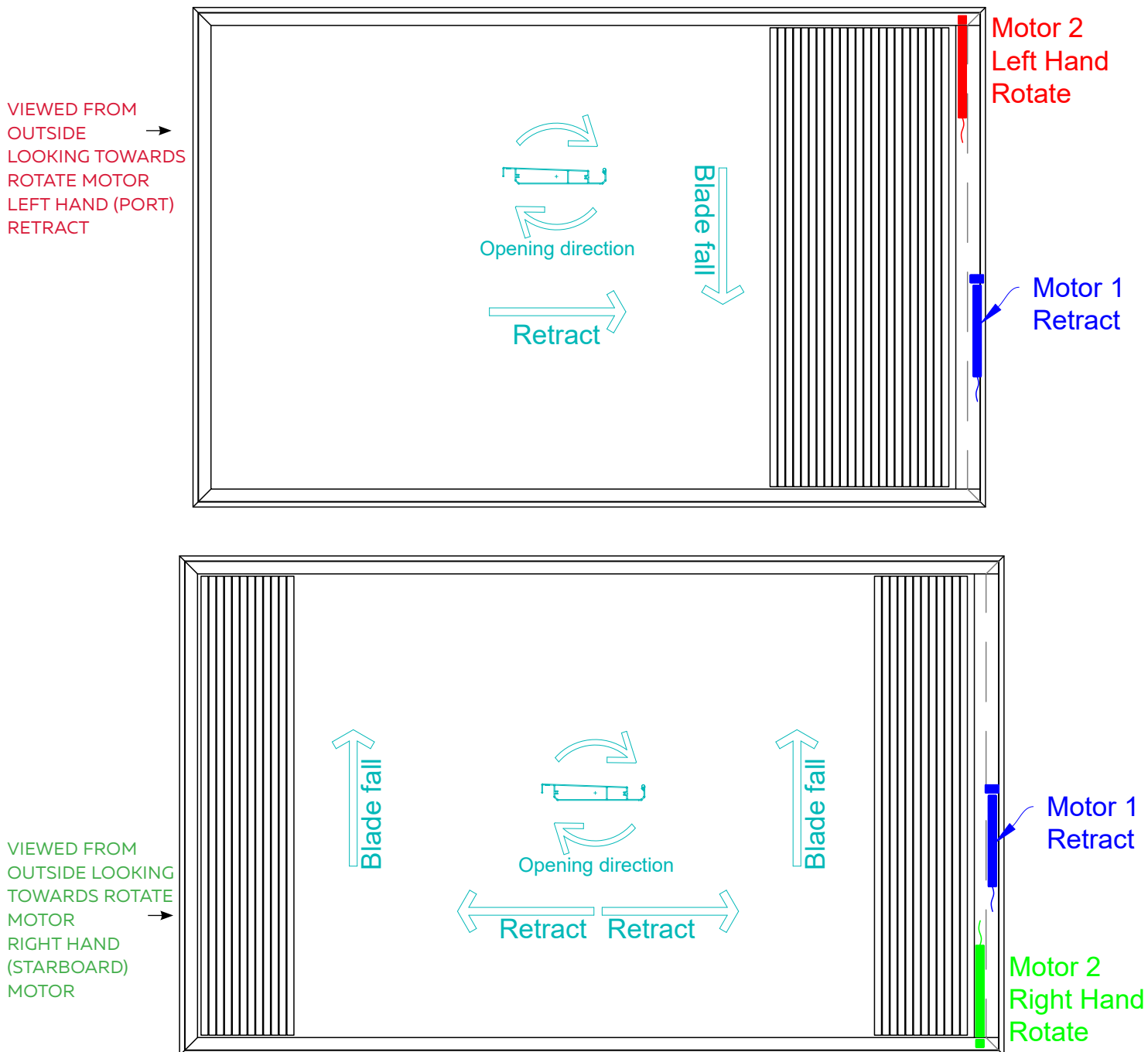
ROTATE MOTOR &
RETRACT DRIVE SHAFT

TECHNICAL DETAILS RETRACT & ROTATE TWIN MOTORS - 3 SIDED FRAME



TECHNICAL DETAILS RETRACT & ROTATE TWIN MOTORS - 4 SIDED FRAME

4 SIDED FRAME



Fall on blades

This is determined by the location of the **Rotate Motor** which is always located on the high side of the blade.

REFER TO ILLUSTRATIONS ON THIS PAGE

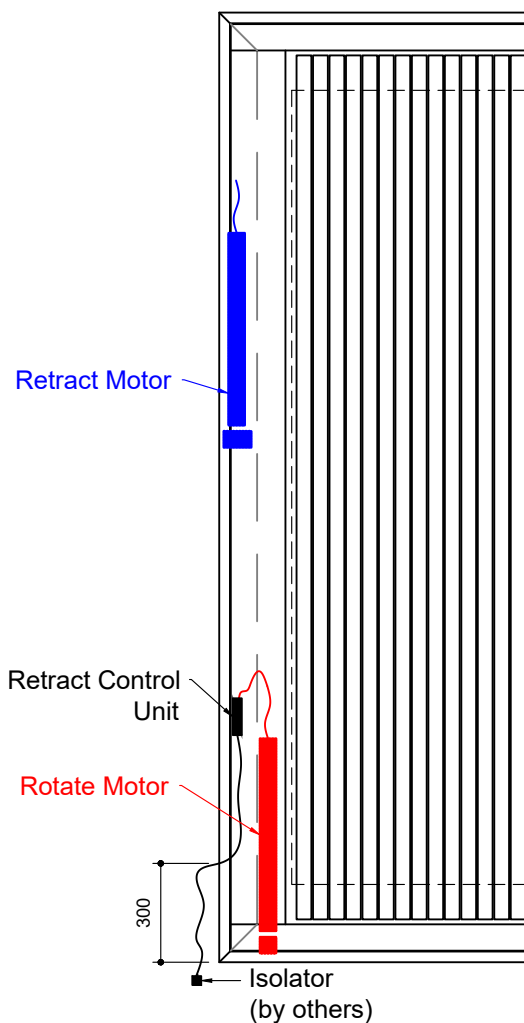
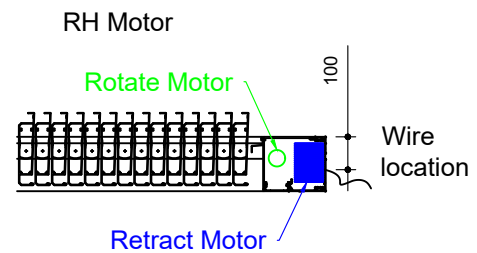
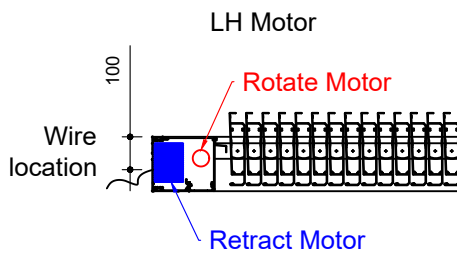
(LEFT HAND - PORT) or

(RIGHT HAND - STARBOARD)

as viewed from outside looking towards the motor.

TECHNICAL DETAILS WIRE POSITIONS FOR RUNNING POWER TO CONTROLLER

- When preparing to run power to the Retract, plan to enter the frame approximately 300mm away from the motor corner (the controller side) and 100mm down from the top.
- Leave enough excess cable to reach the middle of the frame.
- Protect the wire from sharp metal edges by using flex conduit or other suitable sheathing.
- A local isolation switch is required.



Viewing Direction

