

Drapery Controls Roadmap

Choose how the draperies will be controlled. Five distinct routes, with feedback and interface requirements shown separately.

01

LOCAL RF

Wall switch / remote

RF

Local operation

Wall switch, Diamond Sense, Easy Touch and Sidekick Gen 3.

DIRECT MOTOR CONTROL

No automation platform is required for direct local RF operation.

02

WI-FI / APP

Voice and app control

Wi-Fi

With feedback

Motor Wi-Fi dongle; local and remote app operation.

INTEGRATION REFERENCES

works with

Hey Google

works with

alexa

works with

Hey Siri

CRESTRON

Control4

Cloud-dependent services must be available for the cloud integrations.

03

RF BRIDGE

Voice and app control

RF + Bond Bridge Pro

Without feedback

RF bridge route. Confirm the bridge and motor compatibility.

bond

INTEGRATION REFERENCES

somfy.

works with

Hey Google

works with

alexa

works with

SmartThings

Control4

CRESTRON

SAVANT

ELAN

RTI

U-C

HOMEBRIDGE

JOSH

Hubitat

Other supported platforms may be possible.

04

SERIAL BUS

Wired building automation

RS485

With feedback

Addressed motor commands through a compatible controller / gateway.

INTEGRATION REFERENCES

Control4

CRESTRON

SAVANT

RTI

Other supported platforms may be possible; use an installation specialist.

05

DRY CONTACT

Wired building automation

Isolated contact closures

Without feedback

Supported contact-output interface. Test open / close / stop logic.

INTEGRATION REFERENCES

Control4

CRESTRON

SAVANT

LUTRON

Other supported platforms may be possible; use an installation specialist.

Project check: These logos reproduce integration references in the supplied roadmap. Confirm the actual motor revision, firmware, interface and platform support. The separate RS485 sheet expressly names S/L/M receivers; do not assume every battery model supports its serial instructions.

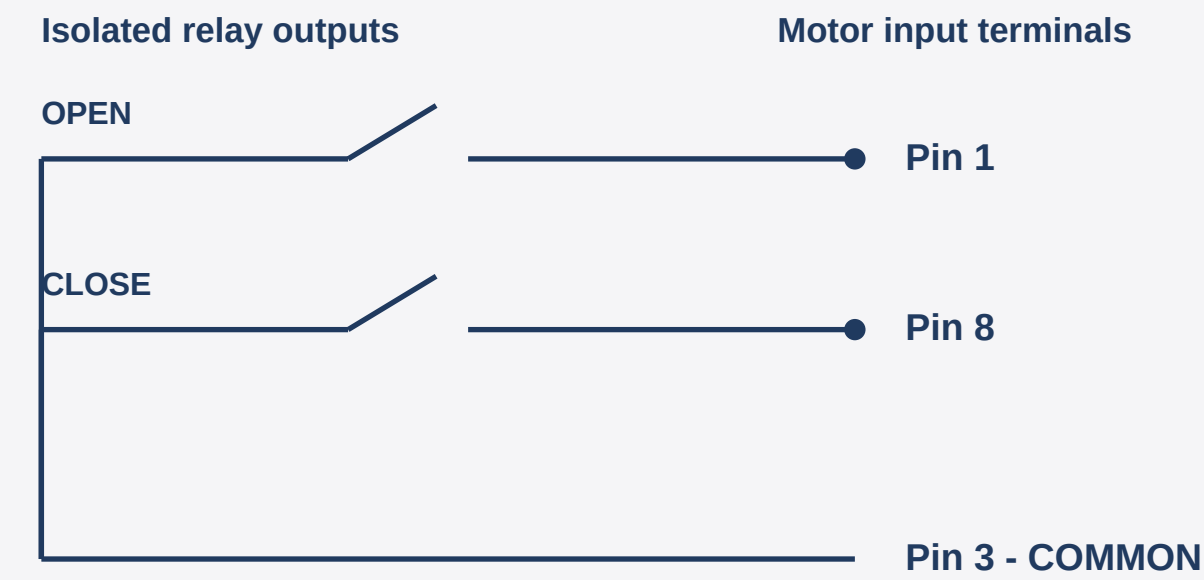
PLUMRIDGE.COM / HARDWARE / MOTORIZATION

Technical connections retained from supplied reference; confirm exact motor / receiver revision.

Dry-Contact Wiring Roadmap

Shuttle S / L / M receiver - PORT 1 or PORT 2. Use potential-free contacts on pins 1, 3 and 8.

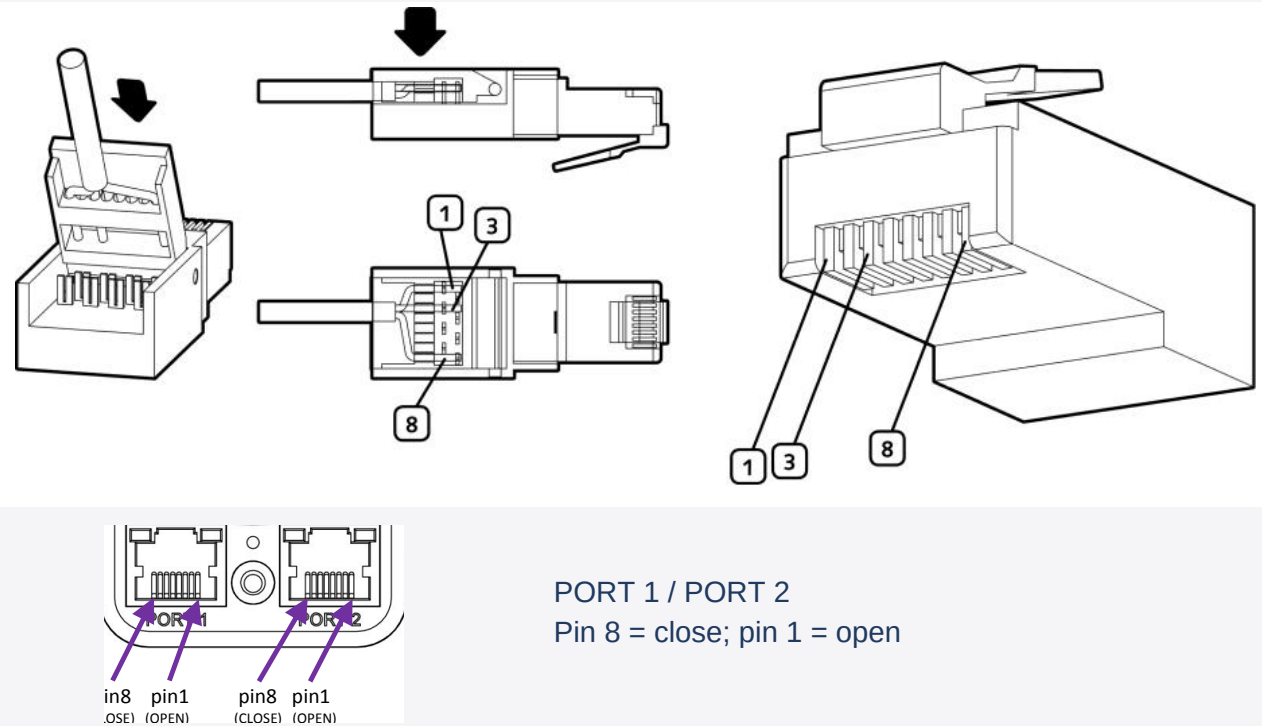
FUNCTIONAL CONTROL WIRING



OPEN: close pin 1 to pin 3.
CLOSE: close pin 8 to pin 3.
STOP: close pins 1 and 8 to pin 3 together.

PHYSICAL CONNECTOR REFERENCE

Plug views and port details preserve the original pin orientation.



PORT 1 / PORT 2
Pin 8 = close; pin 1 = open

KEEP SIGNALS AND MOTOR POWER SEPARATE

Automation contacts send commands only. They do not supply motor power. Use the correct motor power arrangement for the exact model; the supplied sheet shows a separate 24 VDC supply for S and M.

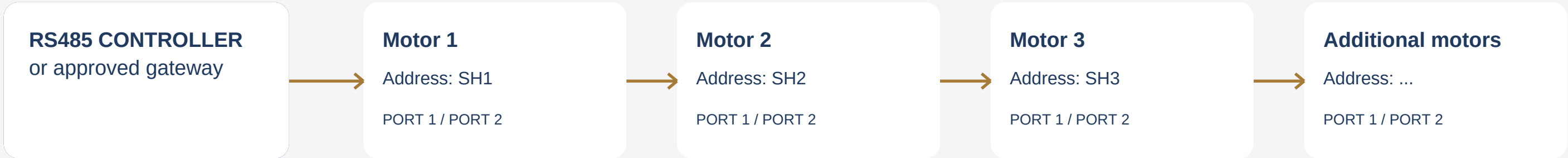
INPUT MODES

Pulse (default): a brief closure starts a full run. **Continuous:** movement while the contact remains made.
Single button: open / stop / close / stop sequence. Verify the programmed mode before commissioning.

RS485 Bus Roadmap

Addressed serial control for compatible Shuttle S / L / M receivers. Daisy-chain wiring is the preferred architecture.

CONTROLLER TO FIRST MOTOR, THEN MOTOR TO MOTOR



Connect controller to PORT 2 of first motor

Pin 2 = RS485b Pin 3 = GND Pin 5 = RS485a

Up to 32 motors and 1200 m (3936 ft) of physical bus wiring in the supplied reference.

SERIAL MESSAGE ROADMAP

9600 baud / 8 data bits / no parity / 1 stop bit

X-on / X-off; case-sensitive ASCII.

+ address + command + optional data + terminator

Terminator: semicolon or carriage return.

A question mark requests information.

Example: #SH1r?; requests motor SH1 position.

Position scale: 00 closed; 99 open.

CONFIGURE, ADDRESS, THEN TEST

1. Confirm the receiver revision.

The supplied sheet names S/L/M receiver variants.

2. Select RS485 mode.

The source describes 29 configuration presses, then a 5-second confirmation hold; verify revision first.

3. Assign unique three-character addresses.

Default OWN; use individual addresses for feedback.

4. Test movement and position queries.

Set limits first; retain the full command reference.