Motor and Control Evidence Ledger

Document the complete command path before making a compatibility claim.

A protocol name identifies a possible interface category. The reviewable unit is the actual motor/controller version, its documented interface, the project-side device, the required command and the recorded response. Keep native capability and an external interface path separate.

Layer	Record	Open question
Physical shading	Track/tube, load/fabric and mounting configuration	Which exact assembly?
Motor	Manufacturer, full suffix, label and hardware/firmware revision	Which document covers it?
Power	Motor rating, actual PSU and distribution design	Who approved the complete path?
Interface	Dry contact, radio, Matter/Thread, RS485 or other documented route	Native capability or a separate device?
Project platform	Controller/gateway, driver/app, region and versions	What functions are required?
Verification	Command, response, conditions and evidence ID	What was actually tested?

Documented examples - not a platform guarantee

The reviewed CM-50-E-R reference lists dry contact and Matter/Thread-related interfaces, while CM-51-E has its own connector documentation. Do not reuse another motor pinout. For dry contact, identify the selected operating mode and the manufacturer instructions used; labels such as Open, Close and Stop do not by themselves verify pulse behavior or feedback.

Current Motionblinds support distinguishes motor/setup-code versions and discusses software-dependent control routes, including newer Matter features. Record the exact version and whether the task is local operation, remote access, automation or feedback. Do not promise that every motor always requires a hub, or that every installation works without one. Generic support FAQ text is not a substitute for the exact motor manual.

Command-path acceptance record

Requested function	Document / device path	Observed result
Open / close / stop	_____	NOT TESTED
Position control	_____	NOT TESTED
Position feedback	_____	NOT TESTED
Local offline operation	_____	NOT TESTED
Remote operation / automation	_____	NOT TESTED
Power-loss recovery	_____	NOT TESTED
Fault and service behavior	_____	NOT TESTED

Four boundaries to keep visible

1. A Lutron/Quantum project record is not evidence for an OEM CC-B112/CM-51-E sample. 2. A motor conformity statement does not certify the assembled shade. 3. A possible PSU family is not the current supplied BOM. 4. Manufacturer use restrictions stay attached to the selected version; the CM-50-E-R indoor/household wording retained from the reviewed manual must not disappear when discussing commercial procurement.

Next step

Send the motor label/version, selected interface diagram, desired functions, project-side device and reviewer names. Saiwenna can coordinate the documented supplied scope; the appointed integrator and electrical discipline remain responsible for their design, programming and acceptance work.

Sources and procurement entry

Existing control coordination guide

Saiwenna RC-MB10 Technical Data Sheet v1.0, 10 September 2026; pp.2-3

CM-50-E-R support, accessed 19 October 2026

CM-51-E support, accessed 19 October 2026

Open the related Saiwenna resource