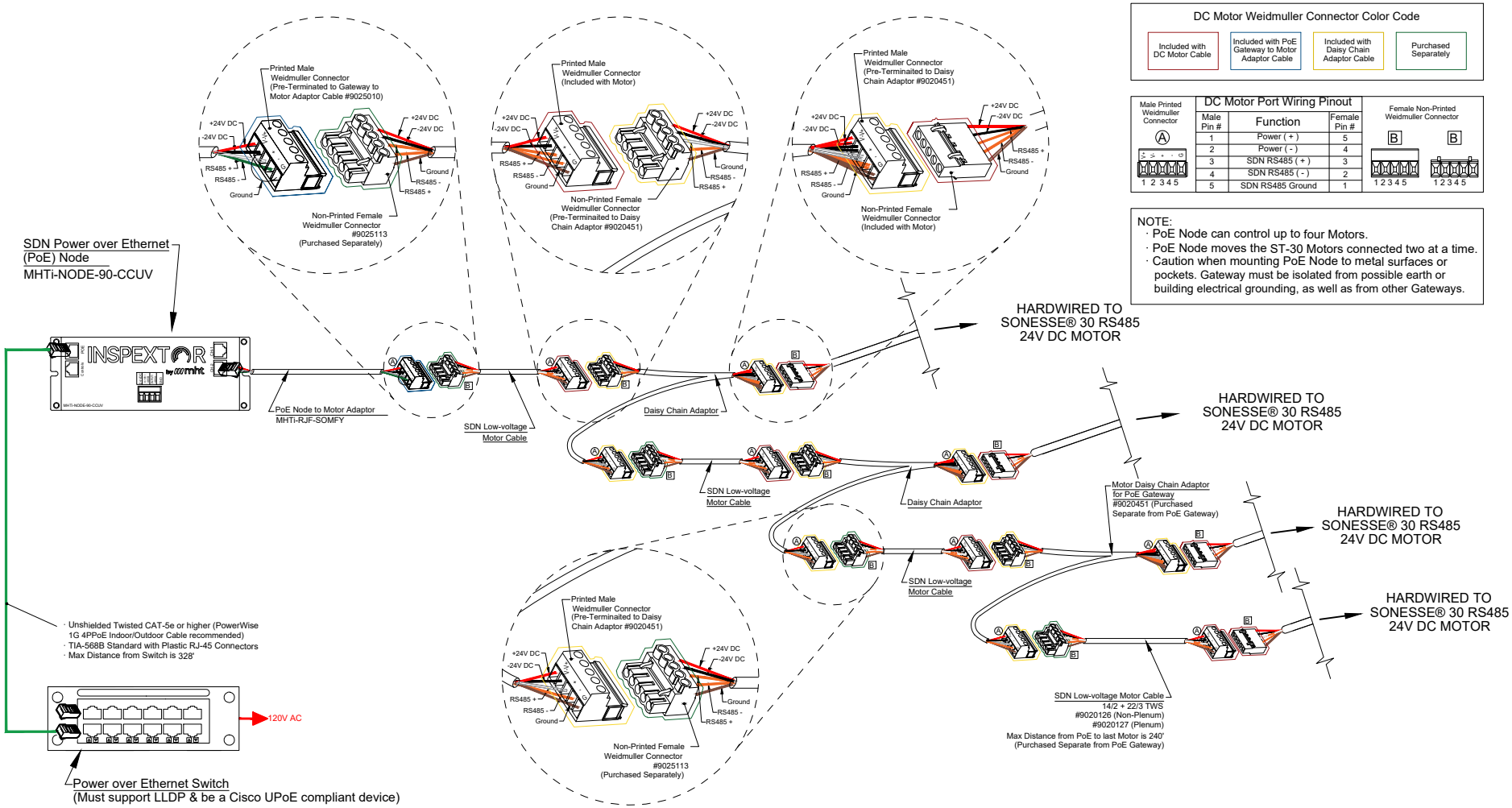

DC Motor Weidmuller Connector Color Code

Included with DC Motor Cable	Included with PoE Gateway to Motor Adaptor Cable	Included with Daisy Chain Adaptor Cable	Purchased Separately

DC Motor Port Wiring Pinout

Male Printed Weidmuller Connector (A) — 1 2 3 4 5

Male Pin #	Function	Female Pin #
1	Power (+)	5
2	Power (-)	4
3	SDN RS485 (+)	3
4	SDN RS485 (-)	2
5	SDN RS485 Ground	1

Female Non-Printed Weidmuller Connector (B) — 1 2 3 4 5 / 1 2 3 4 5

NOTE:
· PoE Node can control up to four Motors.
· PoE Node moves the ST-30 Motors connected two at a time.
· Caution when mounting PoE Node to metal surfaces or pockets. Gateway must be isolated from possible earth or building electrical grounding, as well as from other Gateways.

MHTTechnologies	Drawing Title: MHT Somfy Harness		
Scale: N/A	Sheet	REV.	DATE	DESCRIPTION
Drawn by: BO	Checked by:	Approved by:	Date:	A	8/13/2025	Wiring Diagram
Sheet No.	Revision: A		