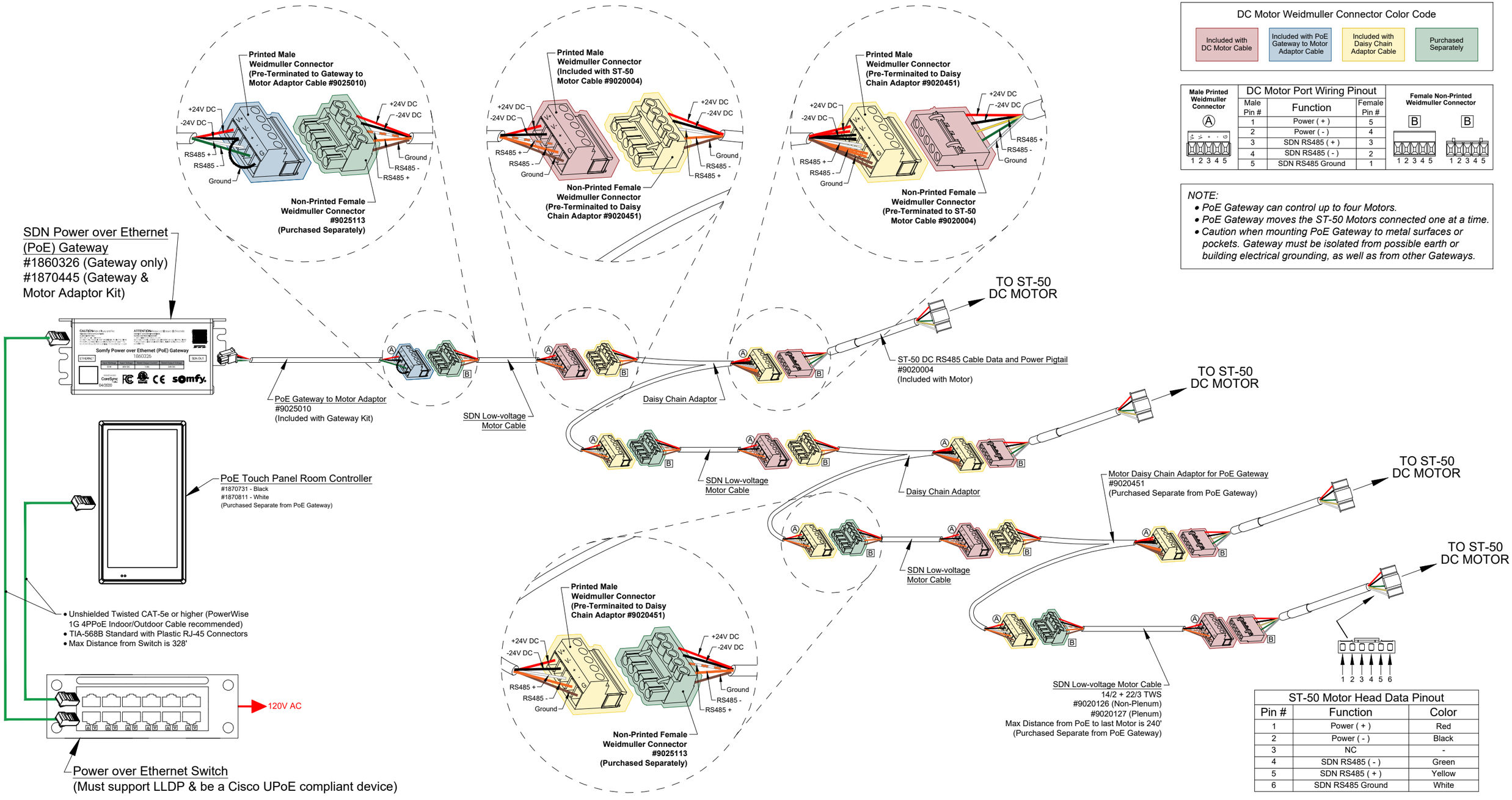

DC Motor Weidmuller Connector Color Code

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

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

DC Motor Port Wiring Pinout

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; (B) — 1 2 3 4 5

NOTE:
- *PoE Gateway can control up to four Motors.*
- *PoE Gateway moves the ST-50 Motors connected one at a time.*
- *Caution when mounting PoE Gateway to metal surfaces or pockets. Gateway must be isolated from possible earth or building electrical grounding, as well as from other Gateways.*

ST-50 Motor Head Data Pinout

Pin #	Function	Color
1	Power (+)	Red
2	Power (-)	Black
3	NC	-
4	SDN RS485 (-)	Green
5	SDN RS485 (+)	Yellow
6	SDN RS485 Ground	White

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		Revisions			
Date:	05/20/21	Rev	Date	By	Description
Print Size:	11" x 17"	-	--/--/--	-	
NTS:	NTS	-	--/--/--	-	
Sales:	N/A	-	--/--/--	-	
Drawn by:	RV	-	--/--/--	-	
Checked by:	PK	-	--/--/--	-	

Dwg Title: PoE Gateway with Four ST-50 & Touch Panel Wire Detail

Dwg No.: POE-WIRING-15

Project name: Technical Library

Client: Somfy Systems

Address: 121 Herrod Boulevard, Dayton, NJ 08810