

SDN Bus Wiring Pinout		
CAT-5e or higher TIA-568B standard with RJ-45		
Pin #	Color	Function
1	Orange White	SDN RS485 (+)
2	Orange	SDN RS485 (-)
3	Green White	Reserved
4	Blue	Power 24v DC
5	Blue White	Power 24v DC
6	Green	Reserved
7	Brown White	SDN RS485 Ground
8	Brown	SDN RS485 Ground

POWER PANEL REVISION NOTES:

REV C -

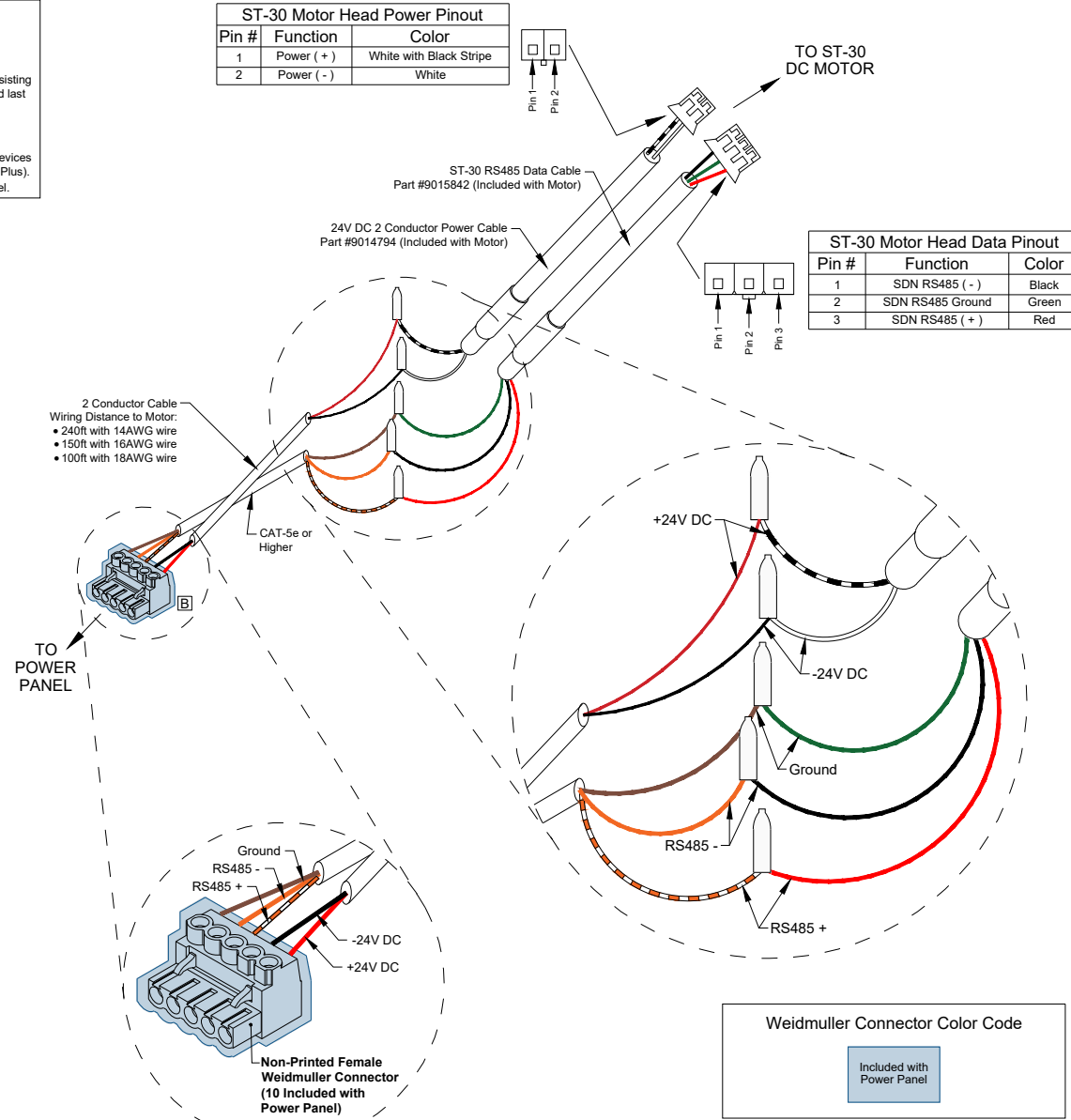
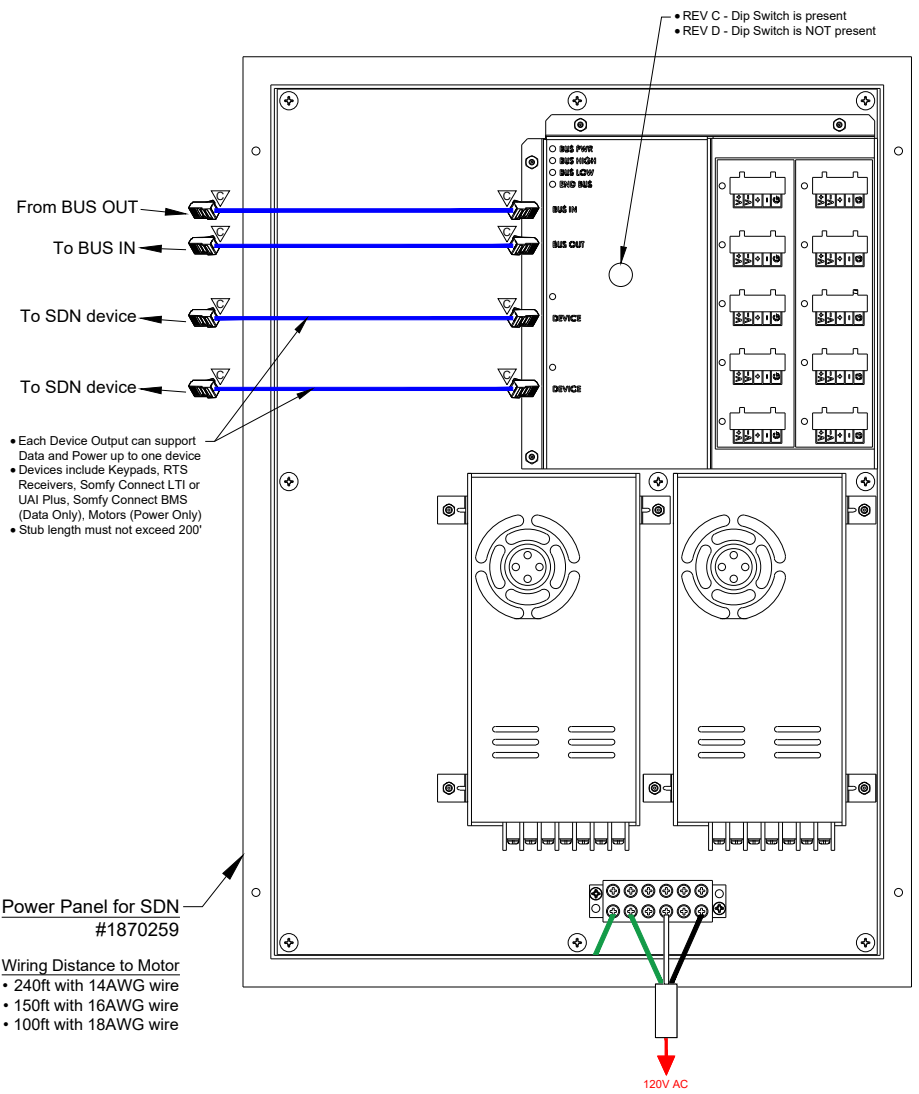
- Each device port supports 1 device, up to 10 power units.
- Bus Power is required.
- By default bias dip switches are ON. For network segments consisting of more than 5 Panels, only the bias dip switches on the first and last Panel can be ON, all others must be OFF.

REV D -

- Each device port supports 1 device, up to 8 power units.
- A Bus Power Supply is only required if there are bus powered devices on the segment (Data Hub, Data Hub Mini, Somfy Connect UAI Plus).
- Power Panel SDN Device Ports are powered by the Power Panel.

ST-30 Motor Head Power Pinout		
Pin #	Function	Color
1	Power (+)	White with Black Stripe
2	Power (-)	White

ST-30 Motor Head Data Pinout		
Pin #	Function	Color
1	SDN RS485 (-)	Black
2	SDN RS485 Ground	Green
3	SDN RS485 (+)	Red



Weidmuller Connector Color Code

Included with Power Panel

DC Motor Port Wiring Pinout		Female Non-Printed Weidmuller Connector
Male Pin #	Function	
1	Power (+)	
2	Power (-)	
3	SDN RS485 (+)	
4	SDN RS485 (-)	
5	SDN RS485 Ground	



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Date:	05/27/21	Revisions			
Print Size:	8.5" x 11"	Rev	Date	By	Description
Scale:	NTS	-	-	-	-
Sales:	N/A	-	-	-	-
Drawn by:	RV	-	-	-	-
Checked by:	PK	-	-	-	-

Dwg Title:	ST-30 DC Wiring w/ 2 Cond. Cable, CAT5e and Super B Connectors to Power Panel	Project name:	Technical Library
Dwg No.:	ST30DC-WIRING-07	Client:	Somfy Systems, Inc.
		Address:	121 Herrod Boulevard Dayton, NJ 08810