

**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

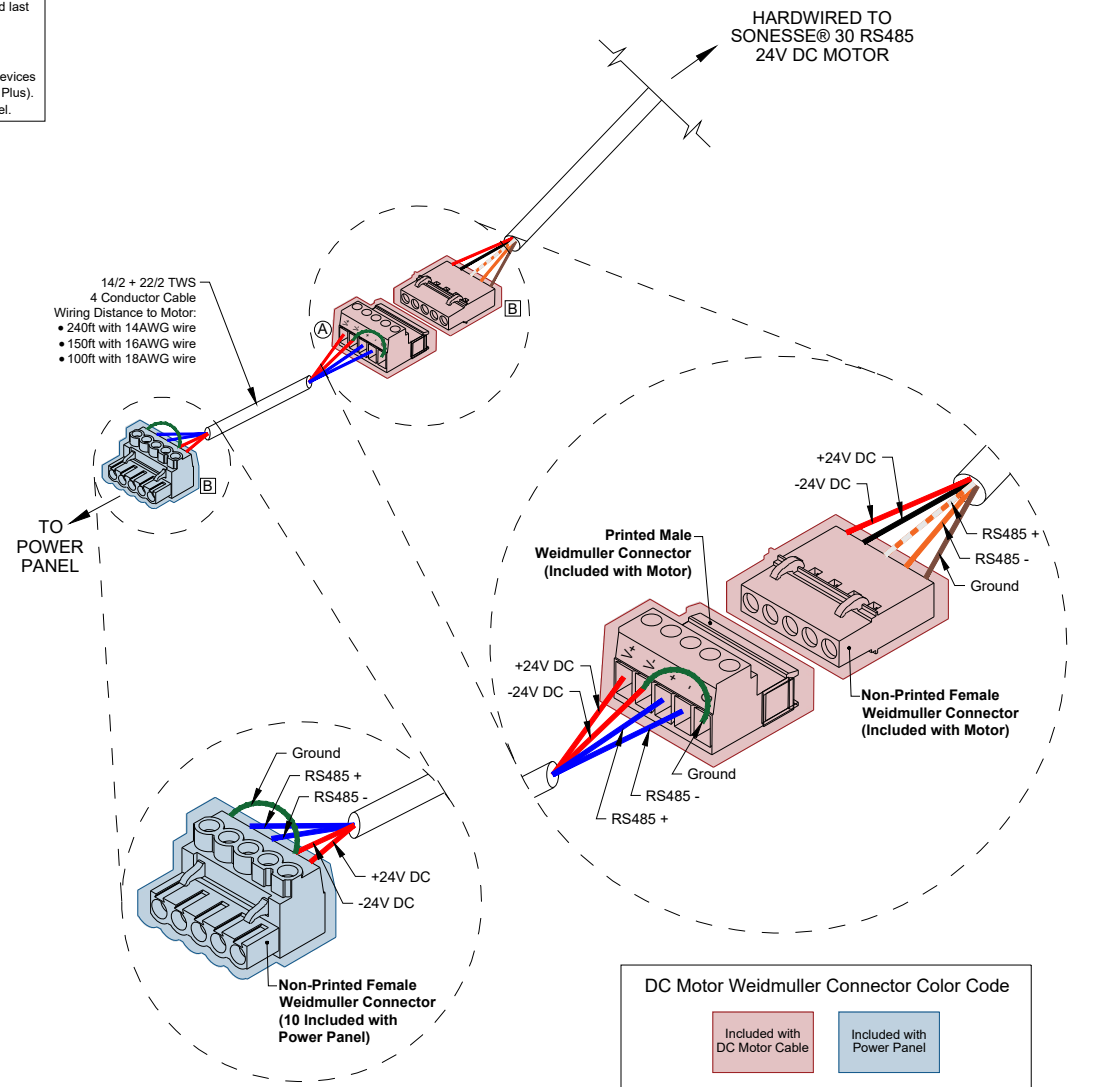
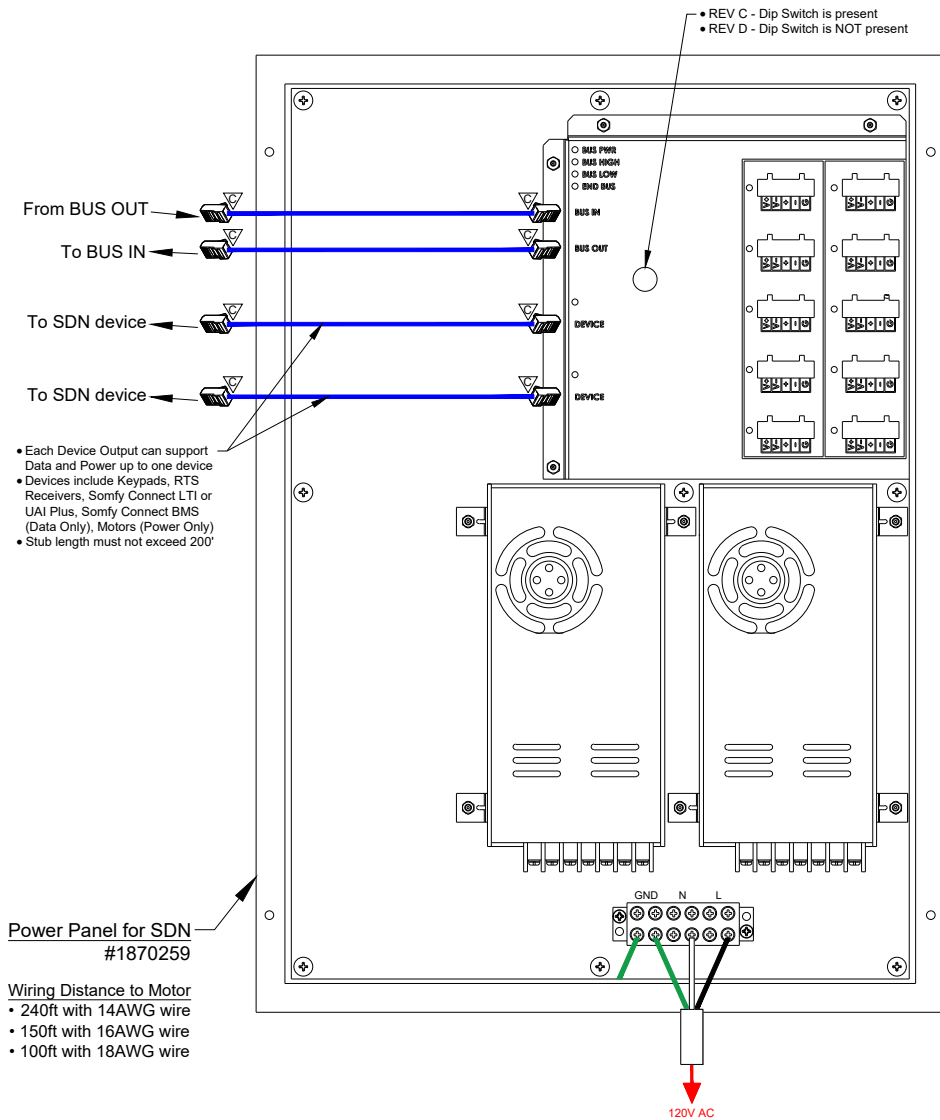
**POWER PANEL REVISION NOTES:**

**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.



**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

Male Printed Weidmuller Connector (A)

Female Non-Printed Weidmuller Connector (B)

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Date: 01/13/23

Rev	Date	By	Description
-	-	-	-

Scale: NTS

Sales: N/A

Drawn by: RV

Checked by: PK

Dwg Title: ST-30 V2 Wiring with 4 Cond Cable & Weidmuller Connector to Power Panel

Dwg No.: ST30V2-WIRING-08

Project name: Technical Library

Client: Somfy Systems, Inc.

Address: 121 Herrod Boulevard  
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