

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

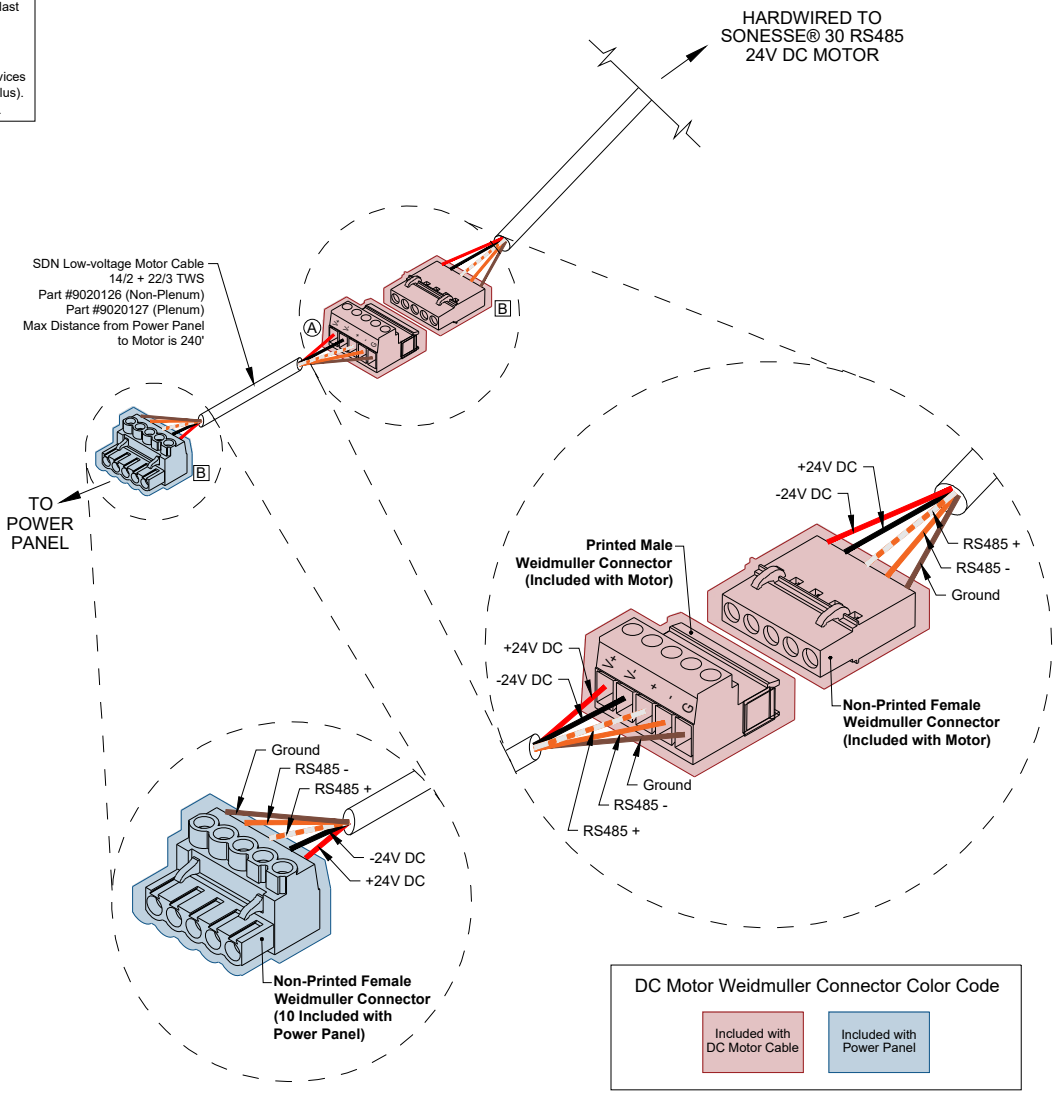
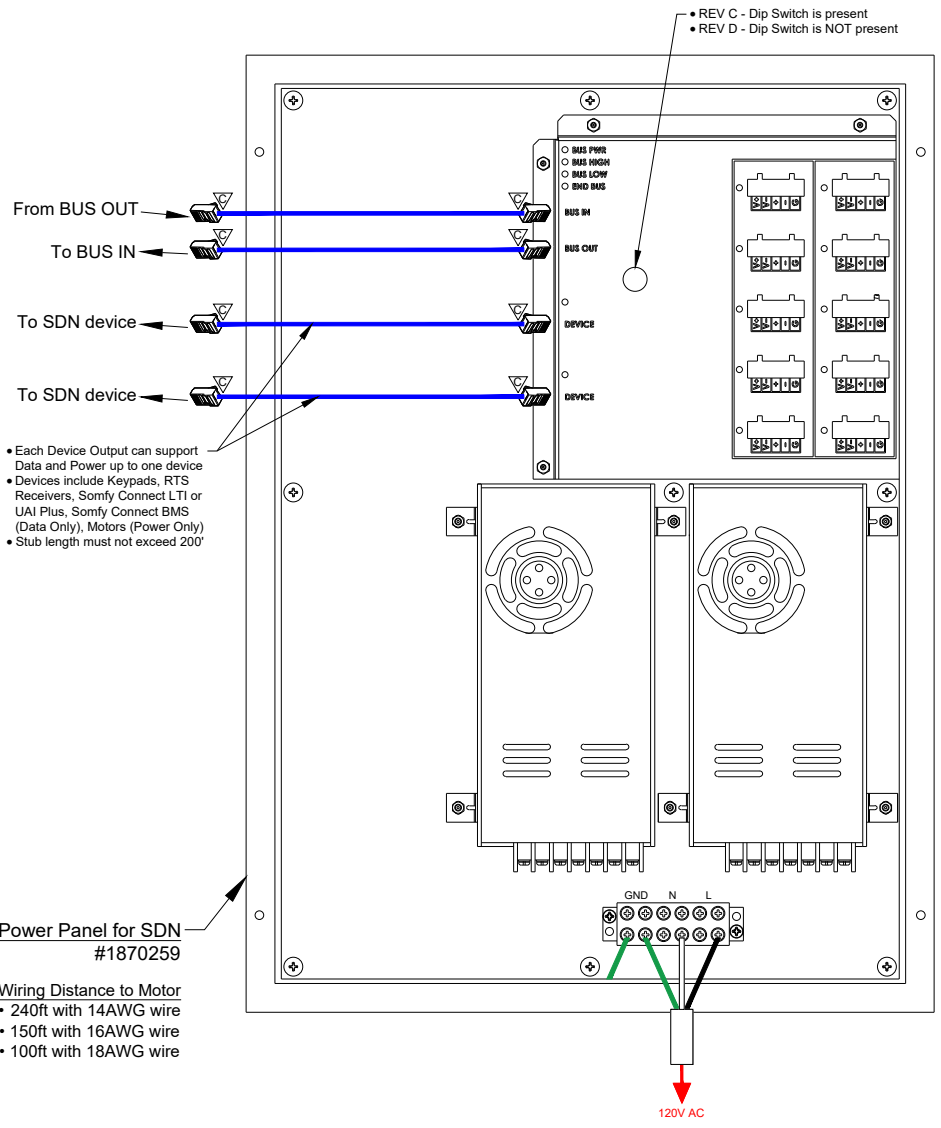
POWER PANEL REVISION NOTES:

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.



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

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Date:	01/13/23	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 V2 Wiring with Low Voltage Cable & Weidmuller Connector to Power Panel

Dwg No.:
ST30V2-WIRING-04

Project name:
Technical Library

Client:
Somfy Systems, Inc.

Address:
**121 Herrod Boulevard
Dayton, NJ 08810**