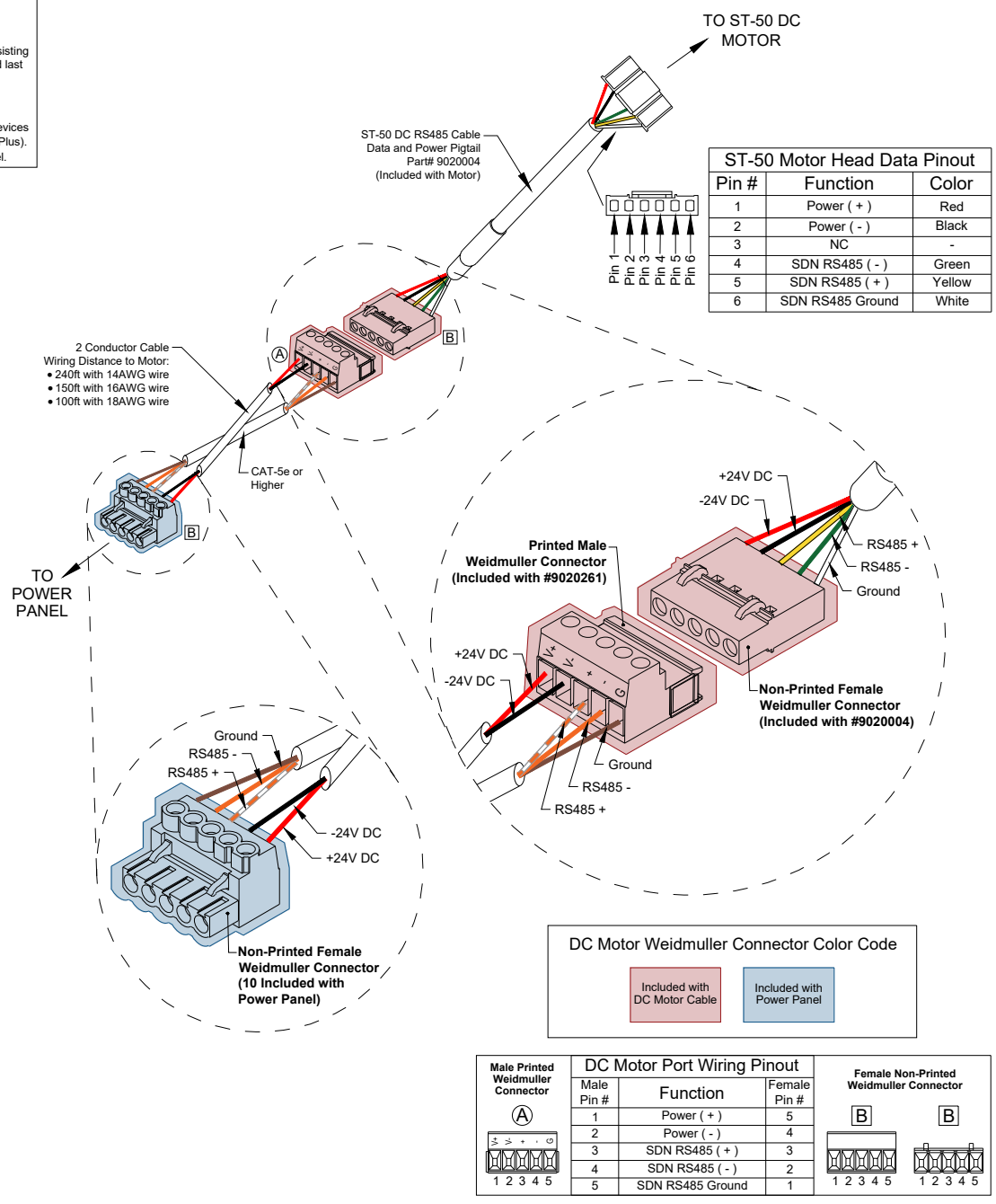
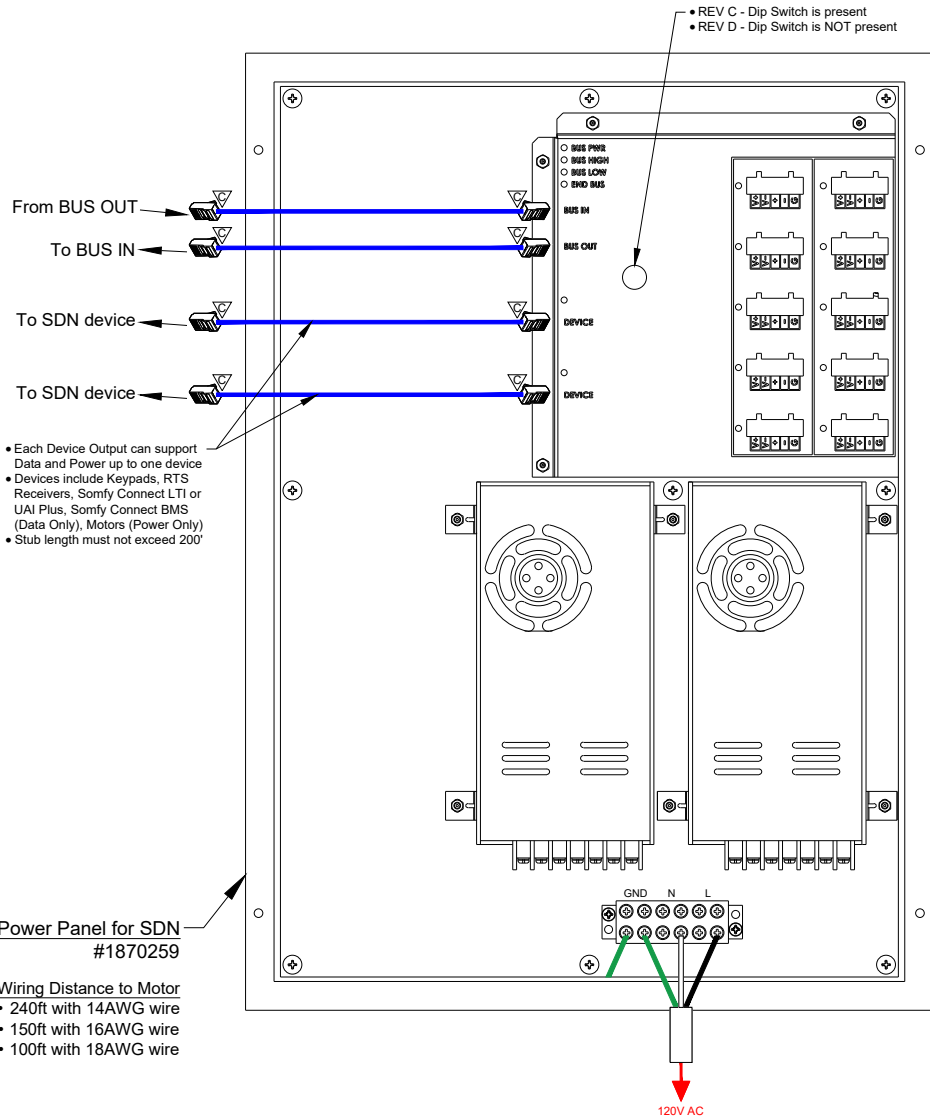


SDN Bus Wiring Pinout		
CAT-5e or higher TIA-568B standard with RJ-45		
Pin #	Color	Function
1	Orange White	SDN RS485 (+)
2	Orange	SDN RS485 (-)
3	Green White	Reserved
4	Blue	Power 24v DC
5	Blue White	Power 24v DC
6	Green	Reserved
7	Brown White	SDN RS485 Ground
8	Brown	SDN RS485 Ground

**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.



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

Dwg Title:	ST-50 DC Wiring w/ 2 Cond. Cable, CAT5e & Weidmuller Connector to Power Panel	Project name:	Technical Library
Dwg No.:	ST50DC-WIRING-04	Client:	Somfy Systems, Inc.
		Address:	121 Herrod Boulevard Dayton, NJ 08810