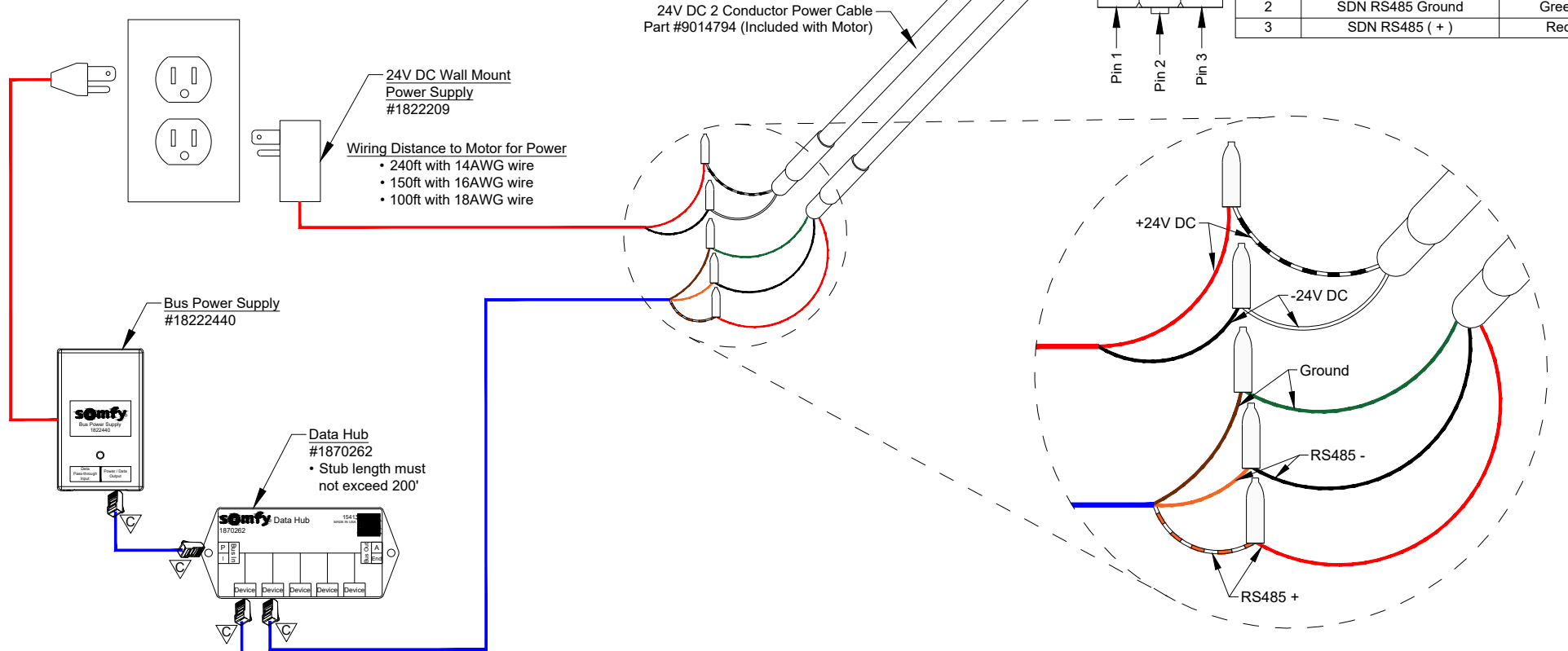
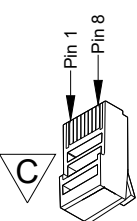


SDN Bus Wiring Pinout		
CAT-5e or higher TIA-568B standard with RJ-45		
Pin #	Color	Function
1	Orange White	SDN RS485 (+)
2	Orange	SDN RS485 (-)
3	Green White	Reserved
4	Blue	Power 24v DC
5	Blue White	Power 24v DC
6	Green	Reserved
7	Brown White	SDN RS485 Ground
8	Brown	SDN RS485 Ground

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

ST-30 Super "B" Type Wiring		
Color	Function	Color
White w/ Black Stripe	Power 24v DC (+)	White w/ Black Stripe
White	Power 24v DC (-)	White
Orange	SDN RS485 (-)	Black
Orange White	SDN RS485 (+)	Red
Brown	Ground	Green



- Each Device Output can support Data and Power up to one device.
- Devices include Keypads, RTS Receivers, Somfy Connect LTI or UAI+, Somfy Connect BMS (Data Only), or Motors (Data Only)

24V DC Wall Mount Power Supply #1822209

Wiring Distance to Motor for Power

- 240ft with 14AWG wire
- 150ft with 16AWG wire
- 100ft with 18AWG wire

Bus Power Supply #18222440

Data Hub #1870262

- Stub length must not exceed 200'

Date:	01/21/19	Rev	Date	By	Revisions	Description
Print Size:	8.5" x 11"	-	-	-	-	-
Scale:	NTS	-	-	-	-	-
Sales:	N/A	-	-	-	-	-
Drawn by:	RV	-	-	-	-	-
Checked by:	PK	-	-	-	-	-

Dwg Title: ST-30 DC Wiring with Super B Connectors to 24V DC Power Supply

Dwg No.: ST30DC-WIRING-02

Project name: Technical Library

Client: Somfy Systems, Inc.

Address: 121 Herrod Boulevard

Dayton, NJ 08810