

DC Motor Weidmuller Connector Color Code

| | | | |
|------------------------------|---------------------------------------|---|---------------------|
| Included with DC Motor Cable | Included with PoE Motor Adaptor Cable | Included with Daisy Chain Adaptor Cable | Purchase Separately |
|------------------------------|---------------------------------------|---|---------------------|

DC Motor Port Wiring Pinout

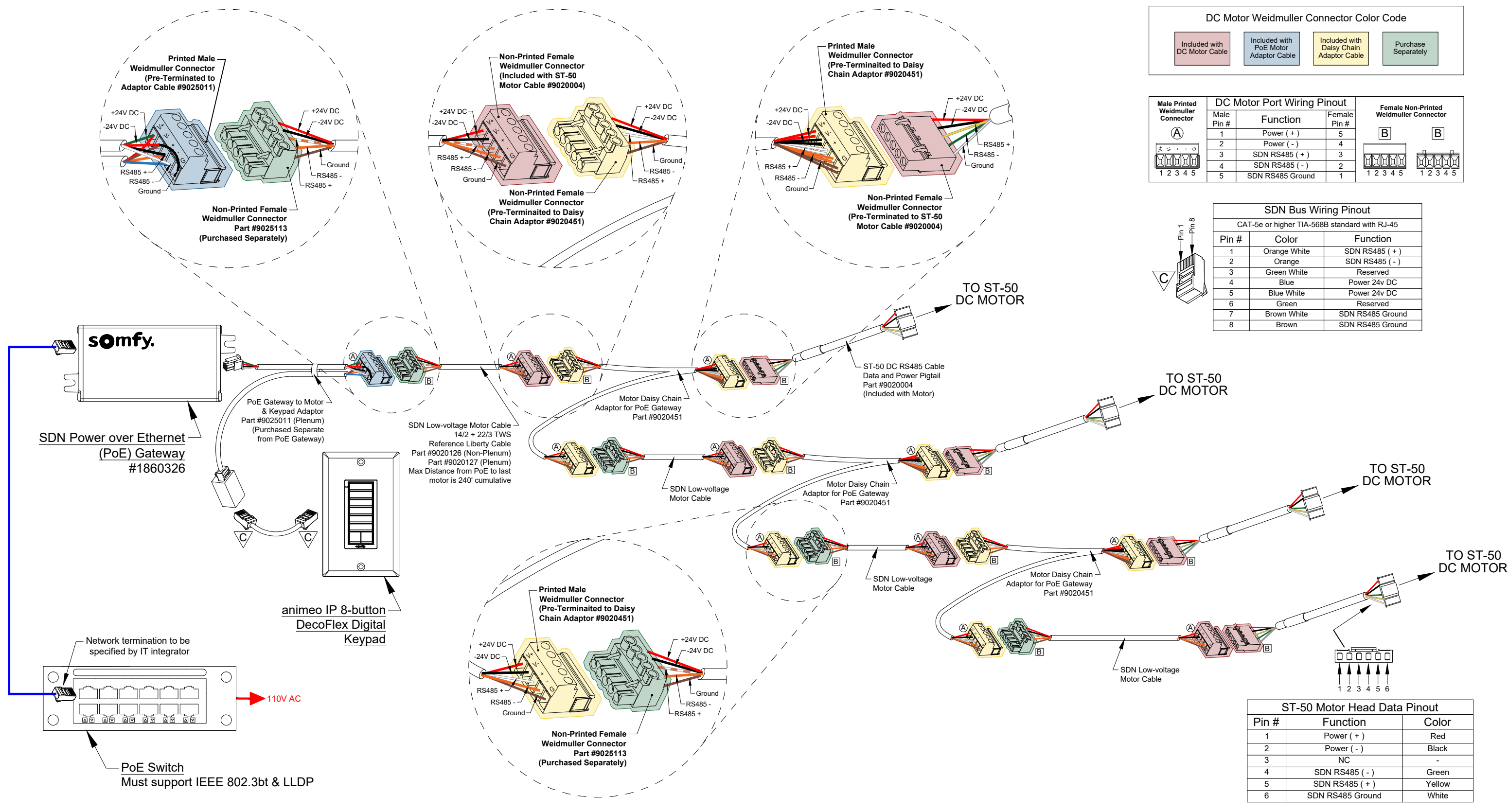
| Male Pin # | Function | Female Pin # |
|------------|------------------|--------------|
| 1 | Power (+) | 5 |
| 2 | Power (-) | 4 |
| 3 | SDN RS485 (+) | 3 |
| 4 | SDN RS485 (-) | 2 |
| 5 | SDN RS485 Ground | 1 |

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-50 Motor Head Data Pinout

| Pin # | Function | Color |
|-------|------------------|--------|
| 1 | Power (+) | Red |
| 2 | Power (-) | Black |
| 3 | NC | - |
| 4 | SDN RS485 (-) | Green |
| 5 | SDN RS485 (+) | Yellow |
| 6 | SDN RS485 Ground | White |



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Tel: 1-800-64-SOMFY
Fax: 1-609-495-8165
www.somfysystems.com



Date: 08/27/18

Print Size: 11" x 17"

NTS: NTS

Sales: N/A

Drawn by: RV

Checked by: PK

| Revisions | | | |
|-----------|-------|----|-------------|
| Rev | Date | By | Description |
| - | --/-- | - | |

Dwg Title: Power over Ethernet (PoE) with Four ST-50 DC Motors & Single Keypad Wire Detail

Dwg No.: POE-WIRING-07

Project name: Technical Library

Client: Somfy Systems

Address: 121 Herrod Boulevard
Dayton, NJ 08810