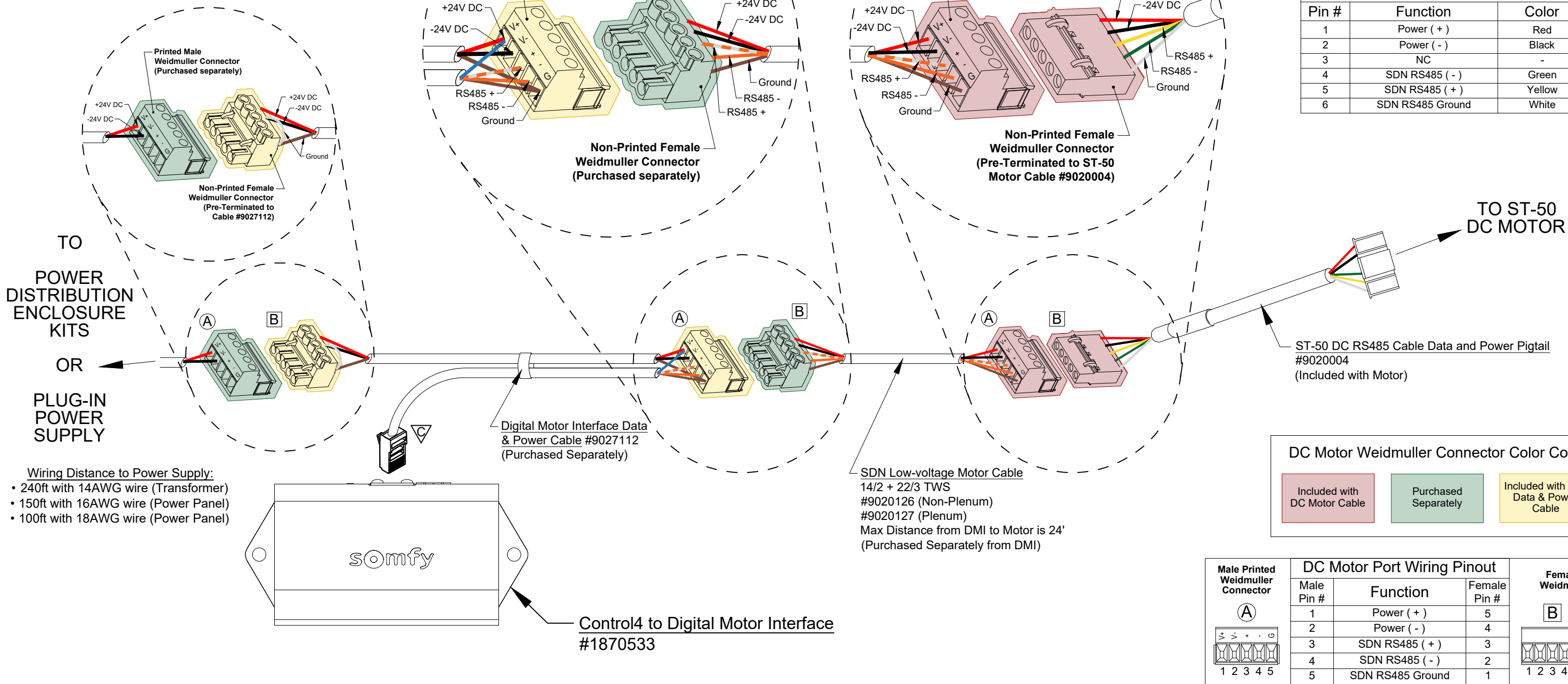




SDN Bus Wiring Pinout		
CAT-5e or higher TIA-568B standard with RJ-45		
Pin #	Color	Function
1	Orange White	SDN RS485 ( + )
2	Orange	SDN RS485 ( - )
3	Green White	Reserved
4	Blue	Power 24v DC
5	Blue White	Power 24v DC
6	Green	Reserved
7	Brown White	SDN RS485 Ground
8	Brown	SDN RS485 Ground



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

DC Motor Weidmuller Connector Color Code		
Included with DC Motor Cable	Purchased Separately	Included with DMI Data & Power Cable

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

© 2015 Somfy Systems, Inc. All Rights Reserved. This drawing is the property of Somfy Systems, Inc.. The graphics, information and specific ideas in this document are the exclusive property of Somfy Systems, Inc. and must not be made public, copied, or sold. Others seeking permission to reproduce this document, in whole or in part, must obtain permission from Somfy Systems, Inc. in writing.

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



Date:	06/20/22	Revisions
Print Size:	11" x 17"	Rev   Date   By   Description
Scale:	NTS	-   -/-/-/   -   Add Comment
Sales:	N/A	-   -/-/-/   -
Drawn by:	TS	-   -/-/-/   -
Checked by:	PK	-   -/-/-/   -

Dwg Title: Control4 to DMI with ST-50 DC RS485 Motor Wire Detail

Dwg No.: ZIG-WIRING-04

Project name: Technical Library

Client: Somfy Systems, Inc.

Address: 121 Herrod Boulevard  
 Dayton, NJ 08810