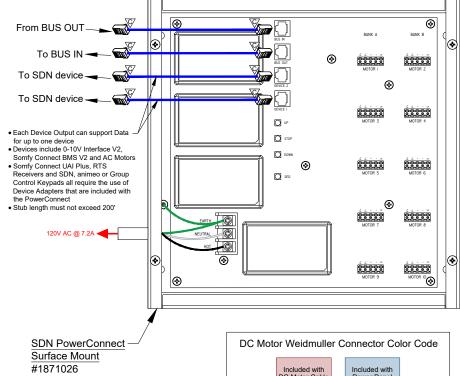
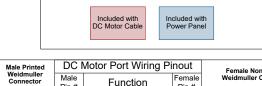
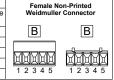


SDN Bus Wiring Pinout								
	С	CAT-5e or higher TIA-568B standard with RJ-45						
	Pin#	Color	Function					
	1	Orange White	SDN RS485 (+)					
ı	2	Orange	SDN RS485 ( - )					
	3	Green White	Reserved					
	4	Blue	Power 24v DC					
	5	Blue White	Power 24v DC					
	6	Green	Reserved					
	7	Brown White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





Male Printed	DC Motor Port Wiring Pinout			
Weidmuller Connector	Male	Function	Female	
0000.0.	Pin #	Function	Pin#	
(A)	1	Power (+)	5	
2 4 + 10	2	Power ( - )	4	ſ
	3	SDN RS485 (+)	3	
	4	SDN RS485 ( - )	2	Į
1 2 3 4 5	5	SDN RS485 Ground	1	



Color Power (+) Red Power ( - ) Black 2 3 NC 4 SDN RS485 ( - ) Green 두 만 만 만 만 SDN RS485 (+) Yellow SDN RS485 Ground White ST-50 DC RS485 Cable Data and Power Pigtail Part# 9020004 (Included with Motor) 2 Conductor Cable Wiring Distance to Motor:
• 240ft with 14AWG wire 150ft with 16AWG wire • 100ft with 18AWG wire CAT-5e or higher -24V DC +24V DC TO RS485 + Printed Male-POWER Weidmuller Connector RS485 -CONNECT (Included with #9020261) Ground +24V DC -24V DC -Non-Printed Female Weidmuller Connector (Included with #9020004) - Ground RS485 -RS485 + +24V DC Non-Printed Female Weidmuller Connector (10 Included with Power Panel)

ST-50 Motor Head Data Pinout

Function

Pin#

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Wiring Distance to Motor • 240ft with 14AWG wire

• 150ft with 16AWG wire

• 100ft with 18AWG wire

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



Date:	07/26/23		I VEVISIONS			Dwg litte:	ľ
	01720720	Rev	Date	Ву	Description	ST-50 DC Wiring with	L
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Scale:	NTS	-	//	-		PowerConnect Surface Mt.	
Sales:	N/A	-	//	-		Dwg No.:	Α
Drawn by:	RV	-	//	-		ST50DC-WIRING-07	ŀ
Checked by:	PK	-	//	-			

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TO ST-50

DC MOTOR

Dayton, NJ 08810