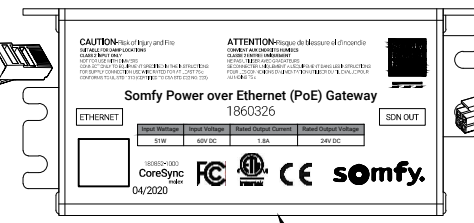
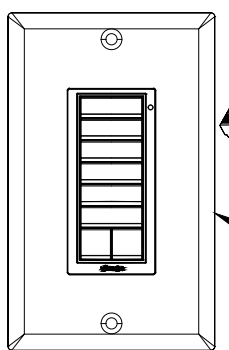


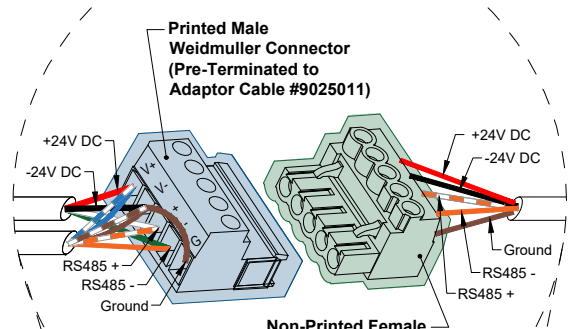
- Unshielded Twisted CAT-5e or higher (PowerWise 1G 4PPoE Indoor/Outdoor Cable recommended)
- TIA-568B Standard with Plastic RJ-45 Connectors
- Max Distance from Switch is 328'



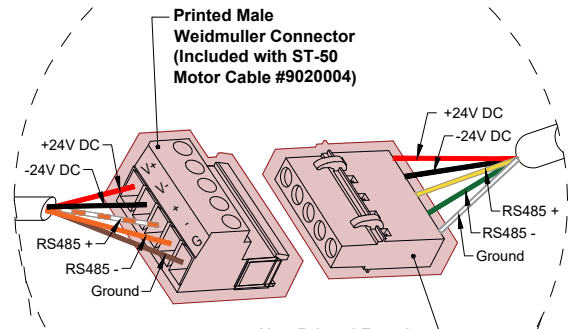
SDN Power over Ethernet (PoE) Gateway #1860326



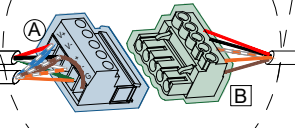
animeo IP DecoFlex Digital 8-Button Keypad
 #1811289 - White
 #1811329 - Black
 #1811333 - Ivory
 (Purchased Separate from PoE Gateway)



Non-Printed Female Weidmuller Connector #9025113 (Purchased Separately)



Non-Printed Female Weidmuller Connector (Pre-Terminated to ST-50 Motor Cable #9020004)



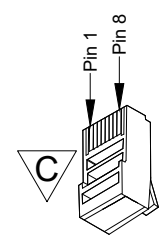
PoE Gateway to Motor & Keypad Adaptor #9025011 (Purchased Separately)

SDN Low-voltage Motor Cable 14/2 + 22/3 TWS #9020126 (Non-Plenum) #9020127 (Plenum) Max Distance from PoE to Motor is 240' (Purchased Separate from PoE Gateway)

ST-50 DC RS485 Cable Data and Power Pigtail #9020004 (Included with Motor)

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



TO ST-50 DC MOTOR

DC Motor Weidmuller Connector Color Code		
Included with DC Motor Cable	Included with PoE Gateway to Motor Adaptor Cable	Purchased Separately

NOTE:

- PoE Gateway can control up to four Motors.
- PoE Gateway moves the ST-50 Motors connected one at a time.
- Caution when mounting PoE Gateway to metal surfaces or pockets. Gateway must be isolated from possible earth or building electrical grounding, as well as from other Gateways.
- PoE Gateway allows control by one Keypad per unit.

DC Motor Port Wiring Pinout			
Male Pin #	Function	Female Pin #	
1	Power (+)	5	[Diagram of Female Connector B]
2	Power (-)	4	
3	SDN RS485 (+)	3	[Diagram of Female Connector B]
4	SDN RS485 (-)	2	
5	SDN RS485 Ground	1	

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



Date:	05/20/21	Rev	Date	By	Revisions	Description
Print Size:	11" x 17"	-	--/--/--	-		
NTS:	NTS	-	--/--/--	-		
Sales:	N/A	-	--/--/--	-		
Drawn by:	RV	-	--/--/--	-		
Checked by:	PK	-	--/--/--	-		

Dwg Title:
PoE Gateway with Single ST-50 DC Motor & Keypad Wire Detail
 Dwg No.:
POE-WIRING-09

Project name:
Technical Library
 Client:
Somfy Systems
 Address:
121 Herrod Boulevard
Dayton, NJ 08810