

**NOTE:**

- 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.

**DC Motor Weidmuller Connector Color Code**

Included with DC Motor Adaptor Cable	Included with PoE Gateway to Motor Adaptor Cable	Included with Module Enclosure Kit for Irismo	Purchased Separately
--------------------------------------	--	---	----------------------

Male Printed Weidmuller Connector	DC Motor Port Wiring Pinout		Female Non-Printed Weidmuller Connector	
Male Pin #	Function	Female Pin #		
1	Power (+)	5	B	
2	Power (-)	4	B	
3	SDN RS485 (+)	3		
4	SDN RS485 (-)	2		
5	SDN RS485 Ground	1		

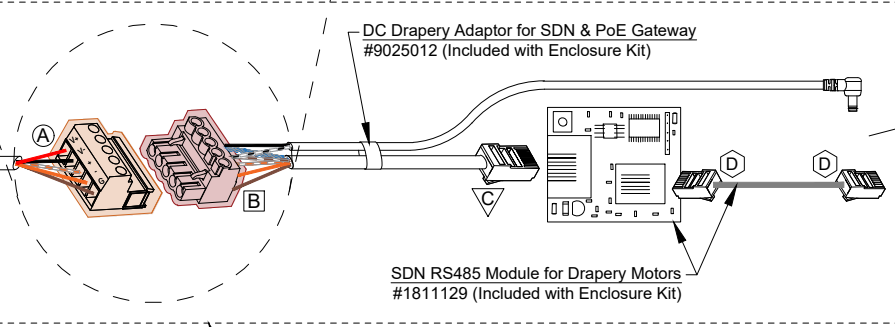
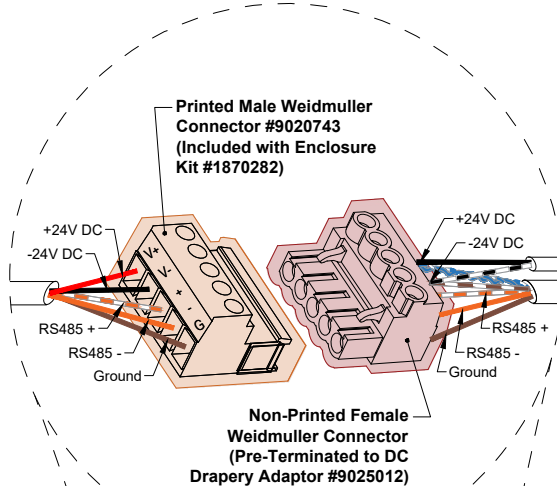
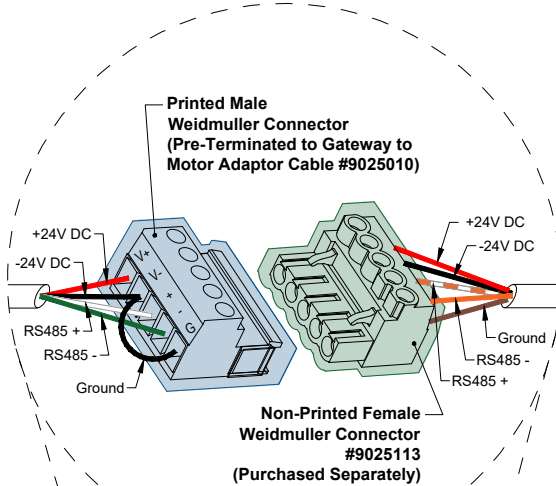
**SDN Bus Wiring Pinout**  
CAT-5e or higher TIA-568B standard with RJ-45

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

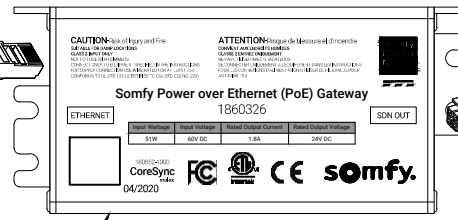
**RS485 Module for Irismo Motors Pinout**  
6 Cond. 26AWG Cable with RJ-12

Pin #	Color	Function
1	White	Open
2	Black	N/A
3	Red	Com
4	Green	+5V DC
5	Yellow	Stop
6	Blue	Close

- 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'



- To supported Drapery Motors:
- Irismo 35 (Mini DC) DCT
  - Irismo 35 (Mini DC) RTS



SDN Power over Ethernet (PoE) Gateway #1870445 (Gateway & Motor Adaptor Kit)

PoE Gateway to Motor Adaptor #9025010 (Included with Gateway Kit)

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)

SDN Irismo 24V Mini DC Control Enclosure Kit #1870282 (Purchased Separate from PoE Gateway)

© 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:	07/07/21	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 Irismo DC Motor Wire Detail  
Dwg No.: POE-WIRING-03

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