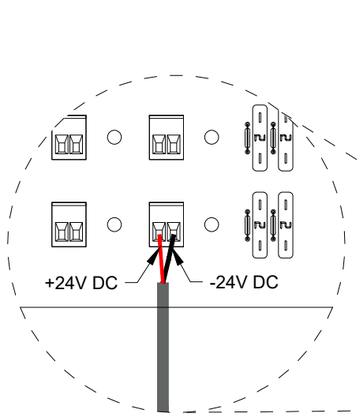
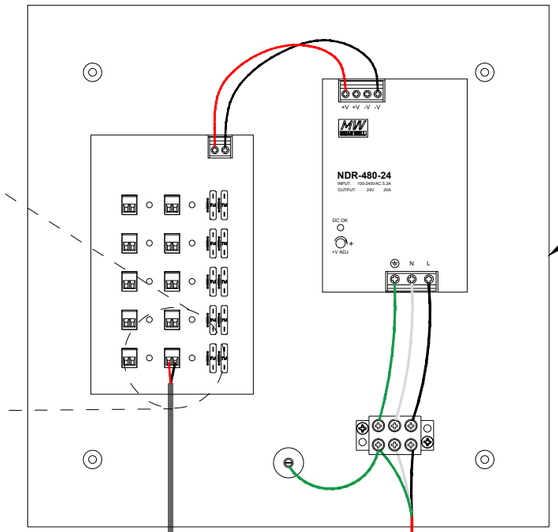
FOR LEGACY SDN SYSTEMS ONLY

NOT FOR USE WITH SDN CONNECT



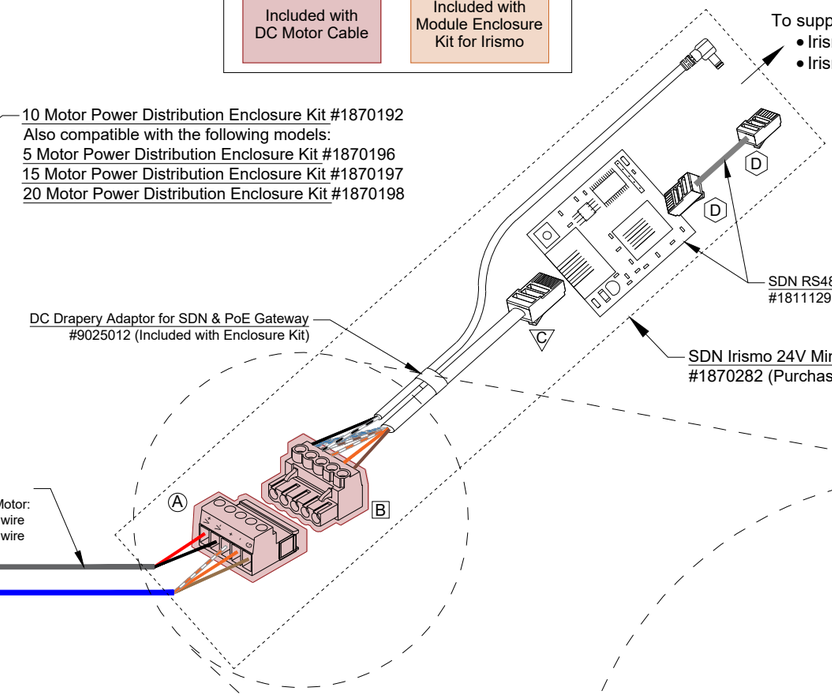


10 Motor Power Distribution Enclosure Kit #1870192
Also compatible with the following models:
5 Motor Power Distribution Enclosure Kit #1870196
15 Motor Power Distribution Enclosure Kit #1870197
20 Motor Power Distribution Enclosure Kit #1870198

DC Motor Weidmuller Connector Color Code

Included with DC Motor Cable	Included with Module Enclosure Kit for Irismo

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



SDN RS485 Module for Drapery Motors
#1811129 (Included with Enclosure Kit)

DC Drapery Adaptor for SDN & PoE Gateway
#9025012 (Included with Enclosure Kit)

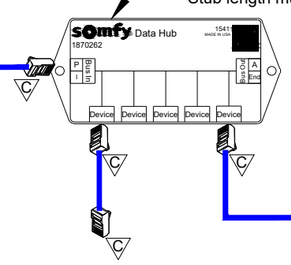
SDN Irismo 24V Mini DC Control Enclosure Kit
#1870282 (Purchased Separate from Motor)

2 Conductor Cable
Wiring Distance to Motor:
- 150ft with 16AWG wire
- 100ft with 18AWG wire

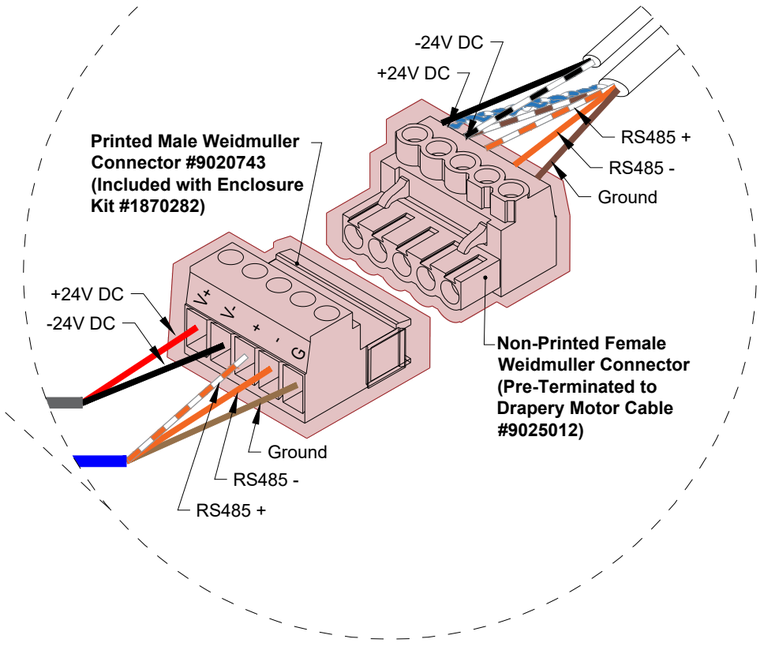


Bus Power Supply
#18222440

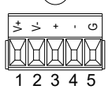
Data Hub
#1870262
- Stub length must not exceed 200'



- Stub length must not exceed 200'.
- Each Device Output can support Data and Power up to one device.
- Devices include Keypads, RTS Receivers, Somfy Connect LTI or UAI+, Somfy Connect BMS (Data Only), or Motors (Data Only).



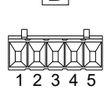
Male Printed Weidmuller Connector (A)

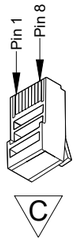


DC Motor Port Wiring Pinout

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

Female Printed Weidmuller Connector (B)





SDN 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 to Drapery Motors Pinout

6 Cond. 26AWG Cable with RJ-12 (Included with Module)

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

© 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

somfy®

Date:	07/05/22
Print Size:	11" x 17"
Scale:	NTS
Sales:	N/A
Drawn by:	TS
Checked by:	PK

Revisions

Rev	Date	By	Description
-	--/--/--	-	
-	--/--/--	-	
-	--/--/--	-	
-	--/--/--	-	
-	--/--/--	-	

Dwg Title: Irismo DC Wiring with Weidmuller Connector to Power Distribution Kits

Dwg No.: IRISMO-WIRING-03

Project name: Technical Library

Client: Somfy Systems, Inc.

Address: 121 Herrod Boulevard
Dayton, NJ 08810