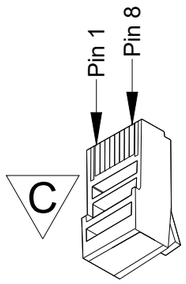
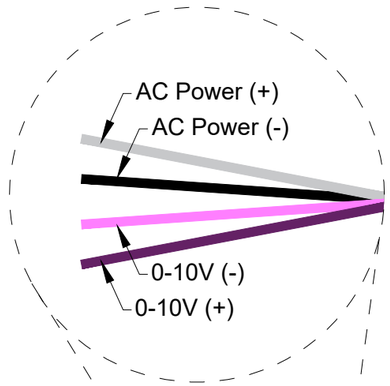
0-10V Control & Power Inputs	
18AWG 4-Conductor Flying Leads	
Function	Color
0-10V (+)	Violet
0-10V (-)	Pink
AC Power (+)	White
AC Power (-)	Black



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

Notes:
- 0-10V SDN output to SDN BUS IN PORT
- Bus Power from 0-10V must be switched on
- Configurable to control via Group All or Group-Specific addressing
- Supports up to 20 Bus Power Units

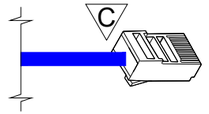


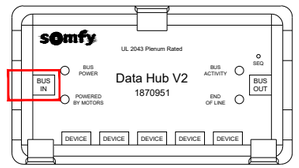
0-10V Interface V2
#1870857

From Third Party 0-10V Controller & Power

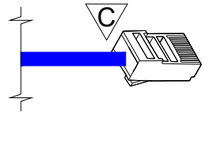


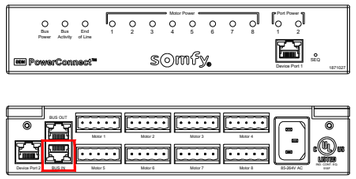
To **"BUS IN"** port on SDN Device



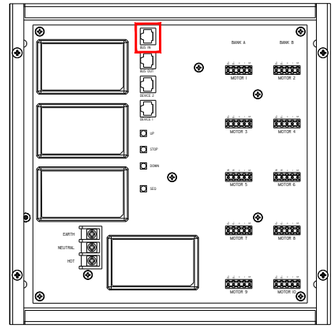


Data Hub V2
#1870951





PowerConnect
Rack Mount
#1871027



PowerConnect
Surface Mount
#1871026

FOR LEGACY SDN SYSTEMS ONLY
NOT FOR USE WITH SDN CONNECT

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

Dwg Title: 0-10V Interface V2 via Bus In Port Wire Detail

Dwg No.: 10V-WIRING-01

Project name: Technical Library

Client: Somfy Systems, Inc.

Address: 121 Herrod Boulevard
Dayton, NJ 08810