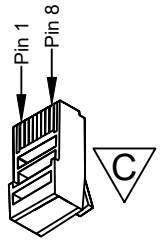
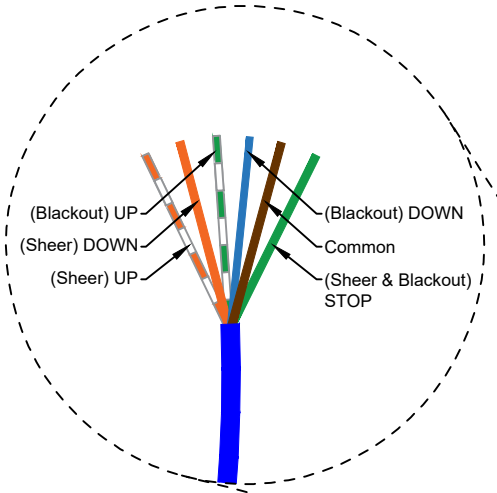
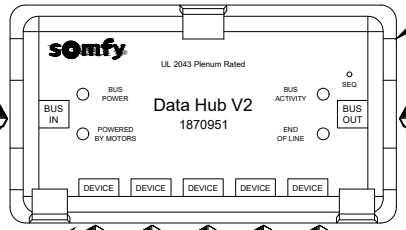
SDN Bus Wiring Pinout		
CAT-5e or higher TIA-568B standard with RJ-45		
Pin #	Color	Function
1	Orange White	SDN RS485 (+)
2	Orange	SDN RS485 (-)
3	Green White	Reserved
4	Blue	Power 24v DC
5	Blue White	Power 24v DC
6	Green	Reserved
7	Brown White	SDN RS485 Ground
8	Brown	SDN RS485 Ground





TO THIRD PARTY DCT PILLOW SPEAKER

TO BUS OUT

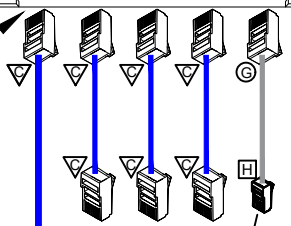


Data Hub V2
#1870951

TO BUS IN

Standard CAT-5e or higher

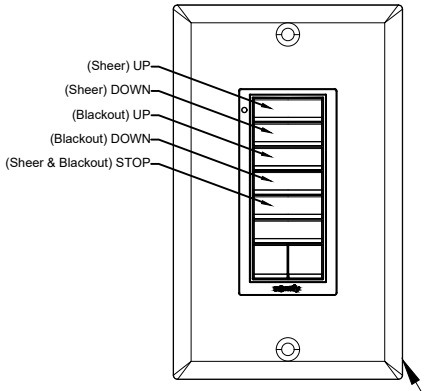
- Stub length must not exceed 200' [60m]
- Each Device Output can support one End Device
- End Devices include Keypads, RTS Receivers, Somfy Connect UAI Plus, Somfy Connect BMS V2, 0-10V Interface V2 and Motors
- Refer to SDN Connect Design Guide for distance and bus distribution limitations



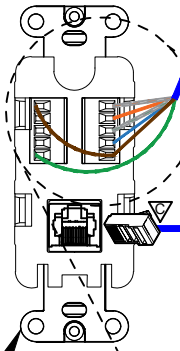
TO AC MOTOR

Grey Data Cable With Power
2.5 ft. long: #9018545
8 ft. long: #9018546
12 ft. long: #9018547
24 ft. long: #9018548

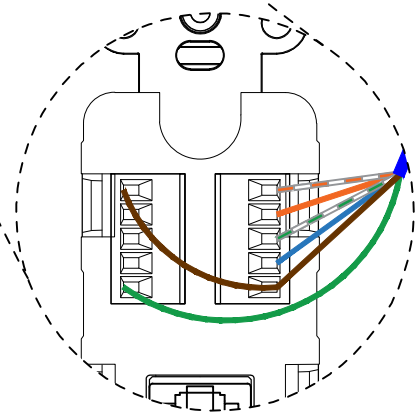
**Extend cable beyond 24' [7.3m] with Somfy Device Adaptor #9029460 or a generic RJ-45 Coupler and CAT-5 or higher using Standard SDN Wiring Pinout.*



Front



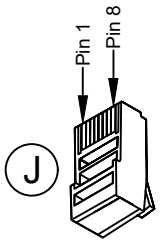
Back



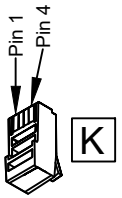
Decoflex SDN Keypad 8-Button
Part #1871479 (White)
Part #1871494 (Black)

Decoflex SDN Keypad 6-Button
Part #1871472 (White)
Part #1871495 (Black)

**500 millisecond relay closure recommended for Dry Contact*



Grey Data Cable With Power Pinout			
4 Cond. 26AWG modular cable with RJ-45 and RJ-9			
Pin #	Color	Function	Pin #
1	Yellow	SDN RS485 (+)	1
2	Green	SDN RS485 (-)	2
4	Red	Not Connected	3
8	Black	Ground	4



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Date:	12/16/24
Print Size:	8.5" x 11"
Scale:	NTS
Sales:	N/A
Drawn by:	RV
Checked by:	PK

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

Dwg Title: Data Hub V2 with SDN Keypad V2 to Dry Contact Pillow Speaker Wire Detail

Dwg No.: SDN-WIRING-05

Project name: Technical Library

Client: Somfy Systems, Inc.

Address: 121 Herrod Boulevard
Dayton, NJ 08810