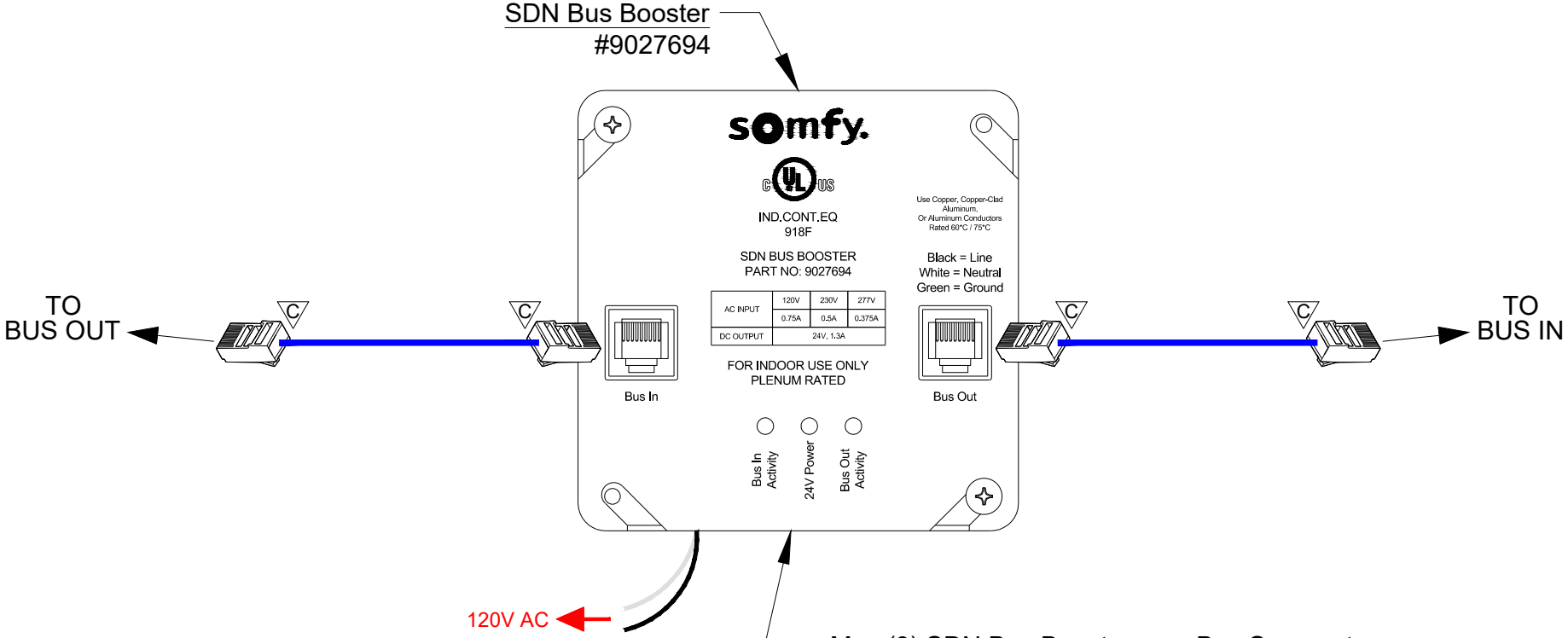
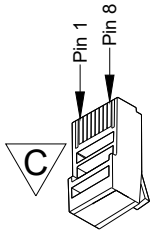


- Max (3) SDN Bus Boosters per Bus Segment
- Each Bus Booster Segment can support the following:
  - 2000' [609m] with (6) fully loaded Data Hubs*
  - 1500' [457m] with (9) fully loaded Data Hubs*
  - 1000' [304m] with (13) fully loaded Data Hubs*
  - 750' [228m] with (18) fully loaded Data Hubs*
  - 500' [152m] with (24) fully loaded Data Hubs*
  - 250' [76m] with (27) fully loaded Data Hubs*

  **Data Hub V2 #1870951 with all device ports connected to power consuming end devices*
- Refer to SDN Connect Design Guide for more details



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

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Date:	08/12/24
Print Size:	8.5" x 11"
Scale:	NTS
Sales:	N/A
Drawn by:	RV
Checked by:	PK

Revisions

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

Dwg Title: SDN Bus Booster Wire Detail

Dwg No.: BB-WIRING-01

Project name: Technical Library

Client: Somfy Systems, Inc.

Address: 121 Herrod Boulevard
Dayton, NJ 08810