

DC Motor Weidmuller Connector Color Code

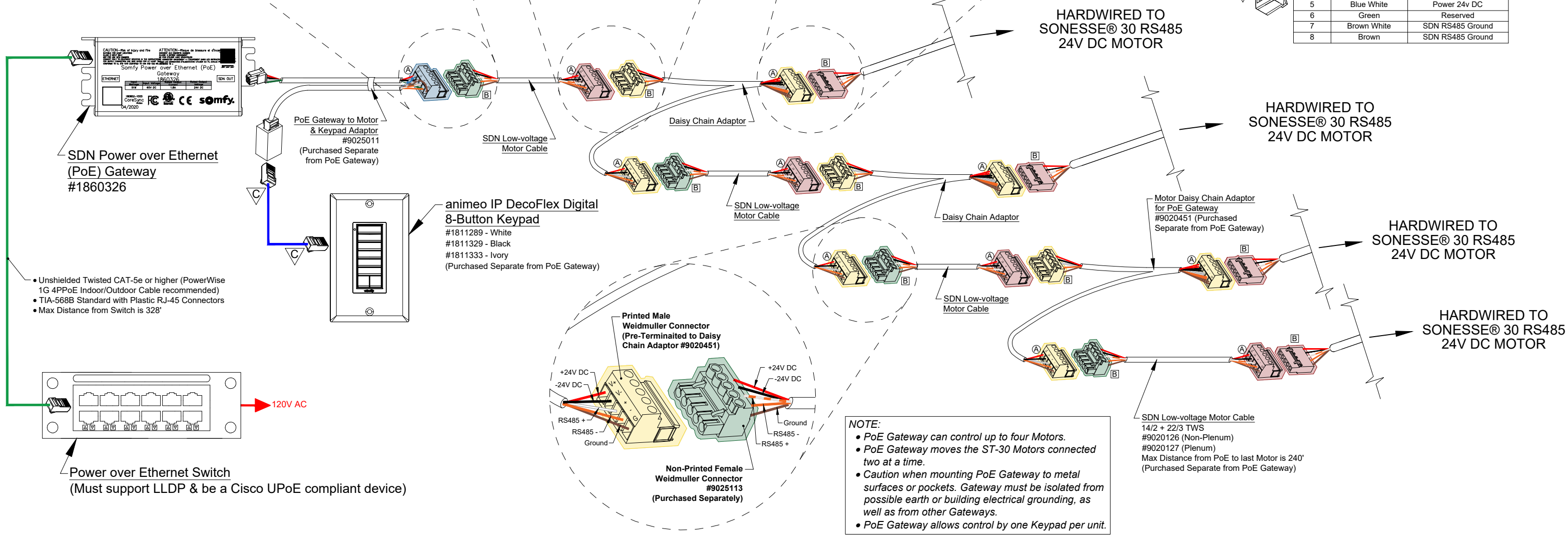
Included with DC Motor Cable	Included with PoE Gateway to Motor Adaptor Cable	Included with Daisy Chain Adaptor Cable	Purchased Separately
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DC Motor Port Wiring Pinout

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

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



- 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'

NOTE:

- PoE Gateway can control up to four Motors.
- PoE Gateway moves the ST-30 Motors connected two at a time.
- 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.
- PoE Gateway allows control by one Keypad per unit.

SDN Low-voltage Motor Cable
14/2 + 22/3 TWS
#9020126 (Non-Plenum)
#9020127 (Plenum)
Max Distance from PoE to last Motor is 240'
(Purchased Separate from PoE Gateway)

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Date:	01/13/23	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 Four ST-30 V2 Motors & Keypad Wire Detail	Project name:	Technical Library
Dwg No.:	POE-WIRING-06 V2	Client:	Somfy Systems
		Address:	121 Herrod Boulevard Dayton, NJ 08810