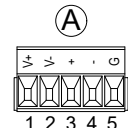
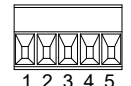
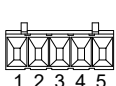
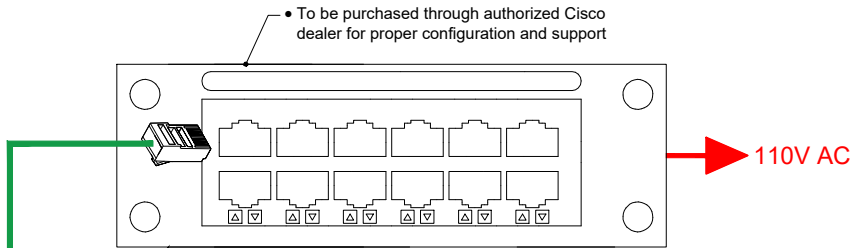


DC Motor Weidmuller Connector Color Code

Included with DC Motor Cable	Included with PoE Gateway Motor Adaptor Cable	Purchase Separately
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Male Printed Weidmuller Connector	DC Motor Port Wiring Pinout			Female Non-Printed Weidmuller Connector	
	Male Pin #	Function	Female Pin #		
	1	Power (+)	5		
	2	Power (-)	4		
	3	SDN RS485 (+)	3		
	4	SDN RS485 (-)	2		
	5	SDN RS485 Ground	1		

ST-50 Motor Head Data Pinout		
Pin #	Function	Color
1	Power (+)	Red
2	Power (-)	Black
3	NC	-
4	SDN RS485 (-)	Green
5	SDN RS485 (+)	Yellow
6	SDN RS485 Ground	White



Cisco PoE Switch

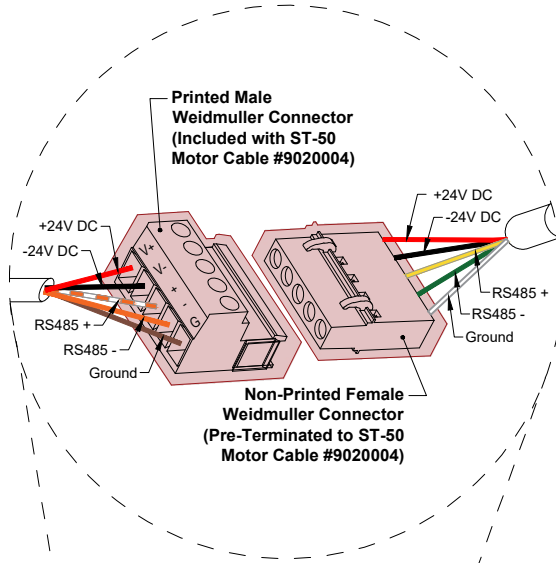
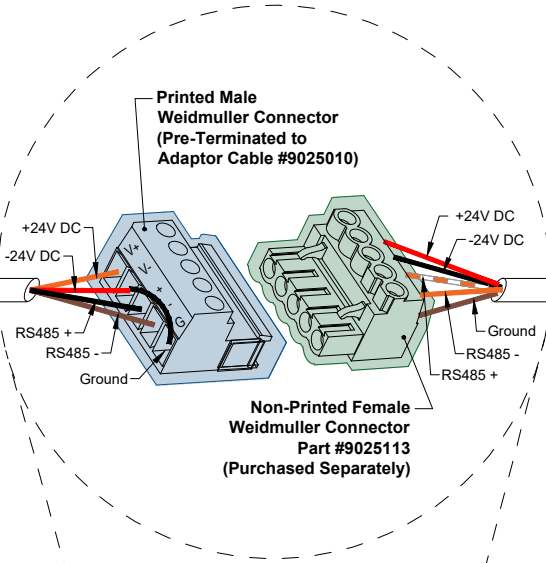
Must support IEEE 802.3bt & LLDP

- Cisco Catalyst CDB-8U 60W 8-Port Switch with Cisco Power Supply: CDB-MNT-FLEX-C14 (Non-Plenum) or CDB-MNT-FLEX-DIR (Plenum)
- Cisco Catalyst 3850 24 or 48-Port Switch with Cisco Power Supplies: C3KX-PWR-715WAC and C3KX-PWR-1100WAC

- 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 to PoE Gateway is 300'

somfy.

SDN Power over Ethernet
(PoE) Gateway
#1860326



TO ST-50
DC MOTOR

SDN Low-voltage Motor Cable
14/2 + 22/3 TWS
Reference Liberty Cable
Part #9020126 (Non-Plenum)
Part #9020127 (Plenum)
Max Distance from PoE to last
motor is 240' cumulative

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Date:	11/13/18	Revisions			
Print Size:	11" x 17"	Rev	Date	By	Description
NTS:	NTS	-	--/--/--	-	
Sales:	N/A	-	--/--/--	-	
Drawn by:	RV	-	--/--/--	-	
Checked by:	PK	-	--/--/--	-	

Dwg Title:	PoE Gateway with Single ST-50 DC Motor Wire Detail
Dwg No.:	POE-WIRING-02

Project name:	Technical Library
Client:	Somfy Systems
Address:	121 Herrod Boulevard Dayton, NJ 08810