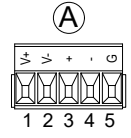
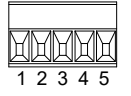
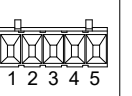


Power over Ethernet Switch
(Must support LLDP & be a Cisco UPoE compliant device)

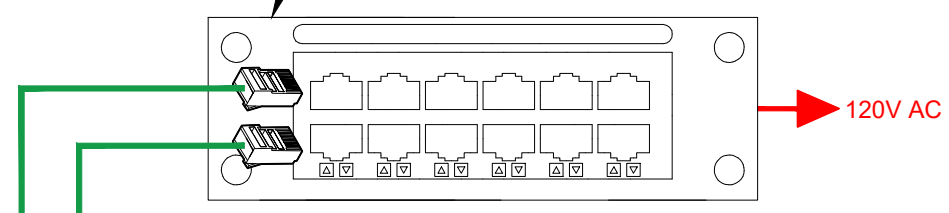
DC Motor Weidmuller Connector Color Code

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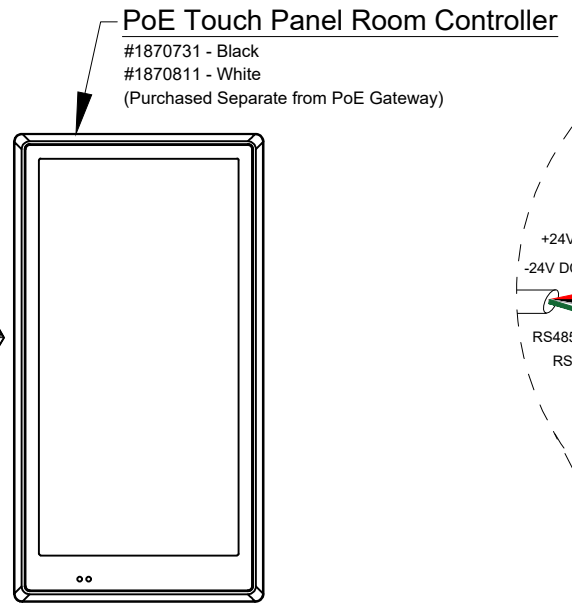
Male Printed Weidmuller Connector	DC Motor Port Wiring Pinout		Female Non-Printed Weidmuller Connector	
	Male Pin #	Function	Female Pin #	
	1	Power (+)	5	
	2	Power (-)	4	
	3	SDN RS485 (+)	3	
	4	SDN RS485 (-)	2	
	5	SDN RS485 Ground	1	

NOTE:
• 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.

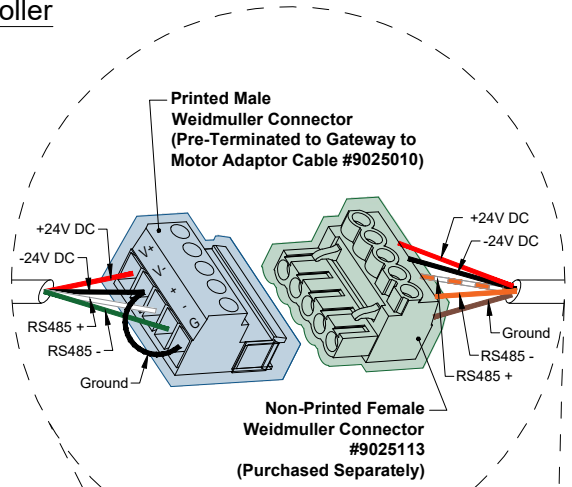
ST-50 Motor Head Data Pinout		
Pin #	Function	Color
1	Power (+)	Red
2	Power (-)	Black
3	NC	-
4	SDN RS485 (-)	Green
5	SDN RS485 (+)	Yellow
6	SDN RS485 Ground	White



- 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'

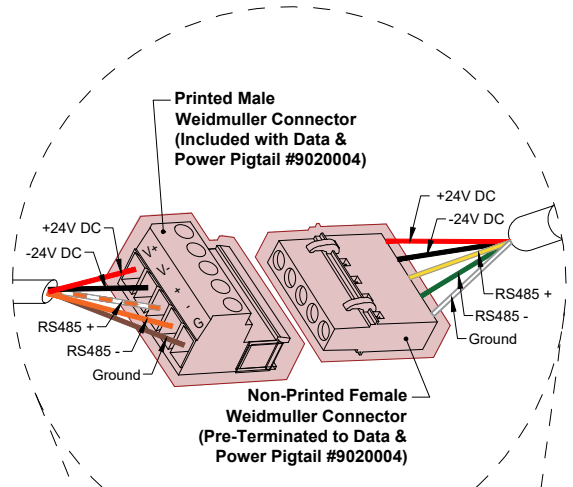


PoE Touch Panel Room Controller
#1870731 - Black
#1870811 - White
(Purchased Separate from PoE Gateway)



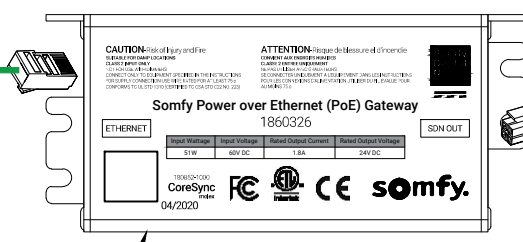
Printed Male Weidmuller Connector
(Pre-Terminated to Gateway to Motor Adaptor Cable #9025010)

Non-Printed Female Weidmuller Connector
#9025113
(Purchased Separately)



Printed Male Weidmuller Connector
(Included with Data & Power Pigtail #9020004)

Non-Printed Female Weidmuller Connector
(Pre-Terminated to Data & Power Pigtail #9020004)



SDN Power over Ethernet (PoE) Gateway
#1860326 (Gateway only)
#1870445 (Gateway & Motor Adaptor Kit)

PoE Gateway to Motor Adaptor
#9025010
(Included with Gateway Kit)

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

ST-50 DC RS485 Cable Data & Power Pigtail
#9020004
(Included with Motor)

TO ST-50 DC MOTOR

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Date:	05/20/21	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 Single ST-50 & Touch Panel Wire Detail	Project name:	Technical Library
Dwg No.:	POE-WIRING-12	Client:	Somfy Systems
		Address:	121 Herrod Boulevard Dayton, NJ 08810