

DC Motor Weidmuller Connector Color Code

Included with DC Motor Cable

Included with RS485 Limit Setting Cable

Male Printed Weidmuller Connector		DC Motor Port Wiring Pinout		Female Printed Weidmuller Connector	
Male Pin #	Function	Female Pin #		Female Pin #	
1	Power (+)	5		5	Power (+)
2	Power (-)	4		4	Power (-)
3	SDN RS485 (+)	3		3	SDN RS485 (+)
4	SDN RS485 (-)	2		2	SDN RS485 (-)
5	SDN RS485 Ground	1		1	SDN RS485 Ground

SDN Wiring Pinout

CAT-5e or higher TIA-568B standard with RJ-45

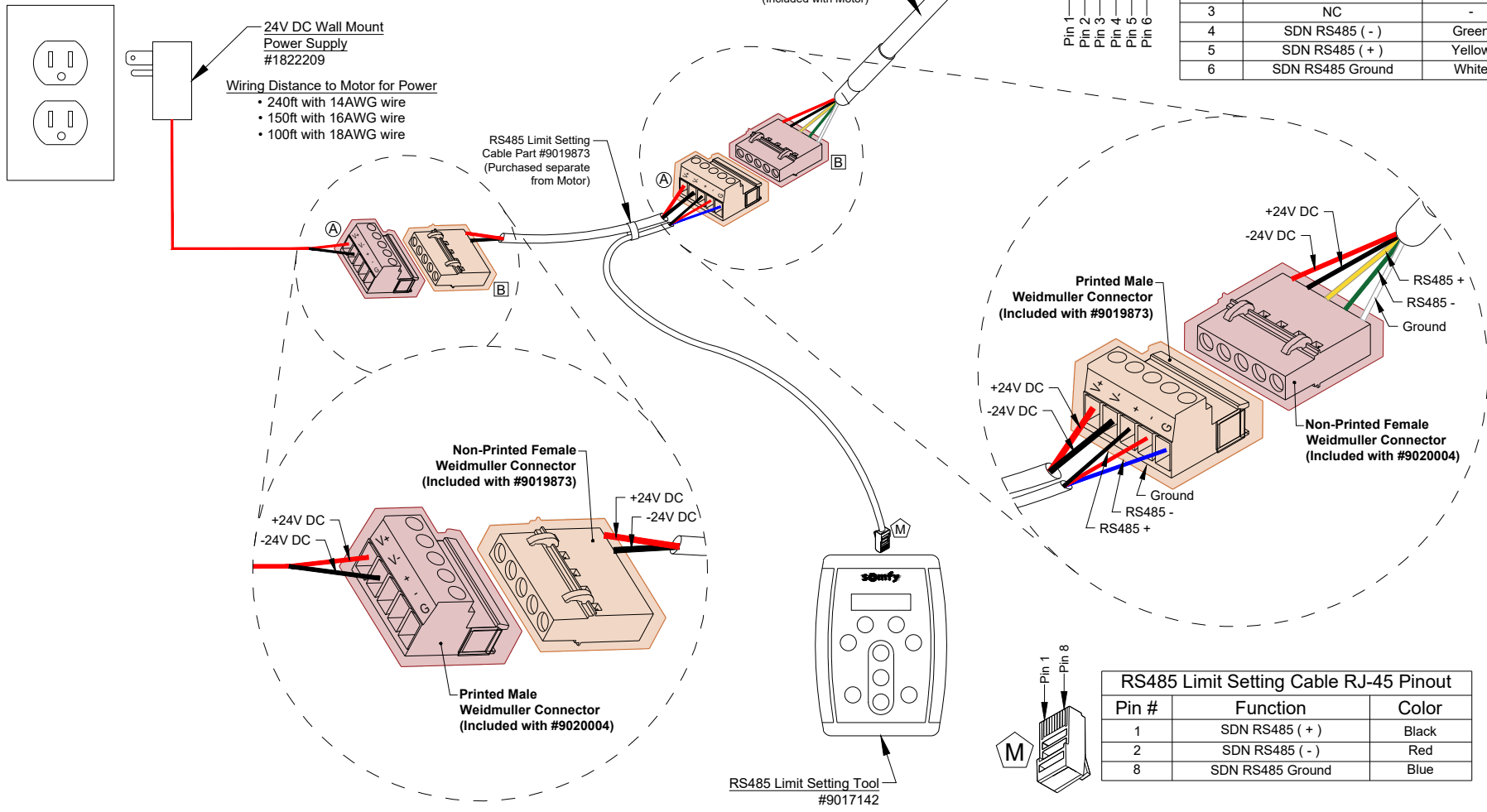
Pin #	Color	Function
1	Orange White	SDN RS485 (+)
2	Orange	SDN RS485 (-)
3	Green White	Reserved
4	Blue	Power 24v DC
5	Blue White	Power 24v DC
6	Green	Reserved
7	Brown White	SDN RS485 Ground
8	Brown	SDN RS485 Ground



TO ST-50 DC MOTOR

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



RS485 Limit Setting Cable RJ-45 Pinout

Pin #	Function	Color
1	SDN RS485 (+)	Black
2	SDN RS485 (-)	Red
8	SDN RS485 Ground	Blue

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Date:	01/21/19	Revisions			
Print Size:	8.5" x 11"	Rev	Date	By	Description
Scale:	NTS	-	-	-	-
Sales:	N/A	-	-	-	-
Drawn by:	RV	-	-	-	-
Checked by:	PK	-	-	-	-

Dwg Title:	ST-50 DC Wiring w/ Weidmuller Connector to RS485 Setting Tool & 24V DC Power Supply	Project name:	Technical Library
Dwg No.:	ST50DC-WIRING-02	Client:	Somfy Systems, Inc.
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