



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 |
|------------------------------|--|---|----------------------|

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

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.

- 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'

HARDWIRED TO SONESSE® 30 RS485 24V DC MOTOR

HARDWIRED TO SONESSE® 30 RS485 24V DC MOTOR

HARDWIRED TO SONESSE® 30 RS485 24V DC MOTOR

HARDWIRED TO SONESSE® 30 RS485 24V DC MOTOR

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)

© 2015 Somfy Systems, Inc. All Rights Reserved. This drawing is the property of Somfy Systems, Inc.. The graphics, information and specific ideas in this document are the exclusive property of Somfy Systems, Inc. and must not be made public, copied, or sold. Others seeking permission to reproduce this document, in whole or in part, must obtain permission from Somfy Systems, Inc. in writing.

Tel: 1-800-64-SOMFY
Fax: 1-609-495-8165
www.somfysystems.com



| 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 Wire Detail | Project name: | Technical Library |
| Dwg No.: | POE-WIRING-04 V2 | Client: | Somfy Systems |
| | | Address: | 121 Herrod Boulevard Dayton, NJ 08810 |