

Sonesse® 30 RS485 Control & Power Distribution

Sonesse® 30 RS485

Control Cable (7.5' length)

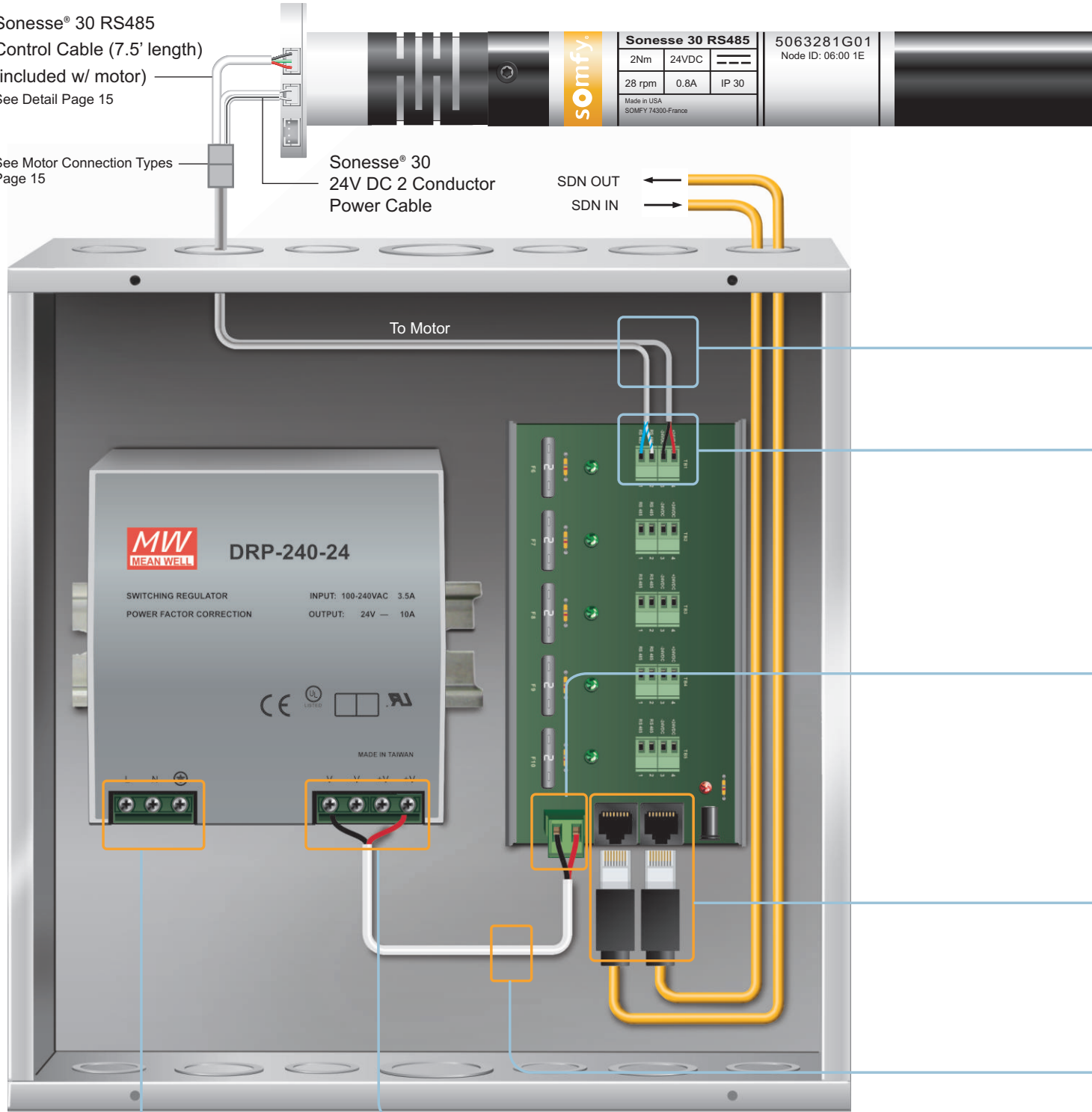
(included w/ motor)

See Detail Page 15

See Motor Connection Types
Page 15

Sonesse® 30
24V DC 2 Conductor
Power Cable

SDN OUT ←
SDN IN →



L N ⊕

2/G Conductor

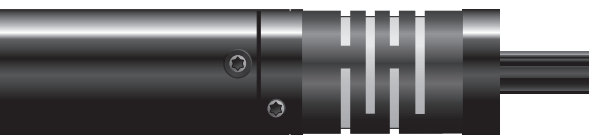
L = Line (Hot) (Black)
N = Neutral (White)
⊕ = Earth ground (Green)

NOTE: AC wiring in accordance with local codes

-V -V +V +V

16 AWG 2 Conductor

RED +
BLACK -



SUGGESTED BUILDING WIRE

16 AWG 2 Conductor
24/2 pr
Coleman Model 97295
or equivalent

POWER/CONTROL DIST. BOARD CONNECTION

+ 24V DC
- 24V DC
Data- (RS485 B)
Data + (RS485 A)

BOARD POWER CONNECTION

16 AWG Stranded,
Olympic style 3133
or equivalent
RED +
BLACK -

SDN IN/OUT CONNECTION

1 - Data +
2 - Data -
3 - N/A
4 - Power +
5 - Power +
6 - N/A
7 - Ground -
8 - Ground -

SDN Cable Pinout

EIA/TIA 568B

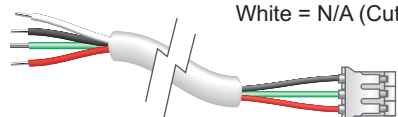
SUGGESTED BOARD POWER WIRE

16 AWG Stranded,
Olympic style 3133
or equivalent

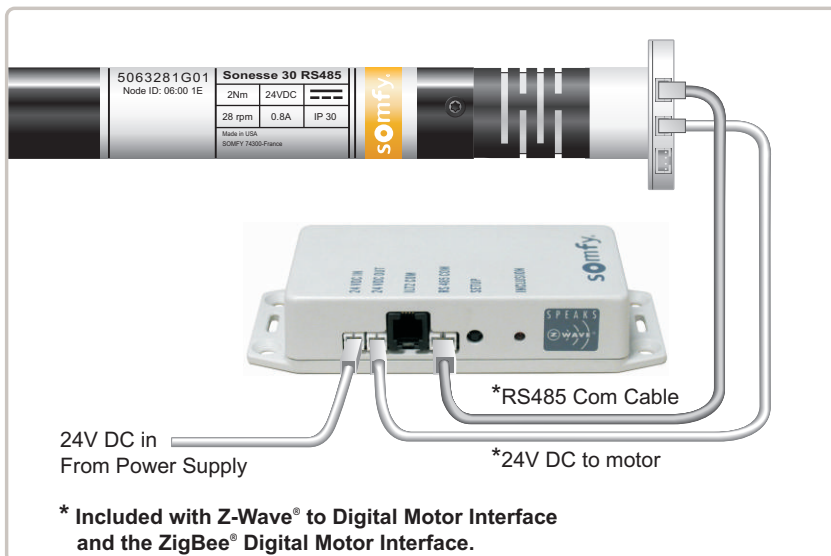
SONESSE 30 RS485 CONTROL CABLE

Sonnesse® 30
RS485 Control Cable
(included with motor)

Red = A
Black = B
Green = Ground
(Connected to power -)
White = N/A (Cut off)



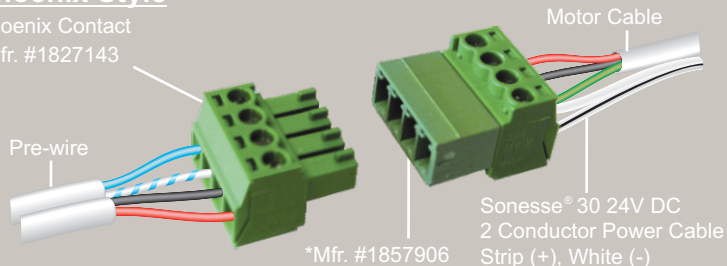
**Connection to Z-Wave® or ZigBee®
Digital Motor Interface**



Motor Connection Types

Phoenix Style

Phoenix Contact
*Mfr. #1827143

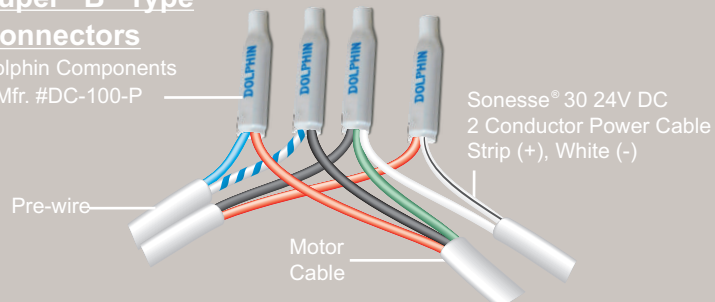


Power/Control Distribution Board Connector

Data + (RS485 A) 4 → Red
Data - (RS485 B) 3 → Black
*- 24V DC 2 → Green
Power White
+ 24V DC 1 → Power Stripe

**Super "B" Type
Connectors**

Dolphin Components
**Mfr. #DC-100-P



*As part of the specification on the Sonnesse 30 RS485 motor, when a separate wire is not present for RS485 ground, connect the ground to the - 24V DC wire.

**All part numbers listed are for reference only. These are not Somfy part numbers