**Power Input Options**

PoE - 48V DC  
Port 1 - 24V DC (optional)

**Power Consumption**

60mA

**SDN Power Units**

Port 2 - Provides 40 Power Units  
Port 1 - Consumes 6 Power Units

**Material**

ABS

**Operating Temperature Range**

Ambient temperature

**Dimensions**

3.53” L x 2.375” W x 2.125” H

**Max. Wiring Distance (Ethernet)**

328’ from the router using standard Cat5e cable  
Indoor use only

**Max. Wiring Distance (SDN)**

Port 2 - 900’ total wire length

**Shipping Weight**

1 lb.

**2 Expansion Slots**

Available Expansion Modules:

- **POE (included)**
  PEC MK II enables SI.FI device to be powered over a PoE connection, and pass power to devices over Port 2 provides 40 power units

- **WIFI (sold seperately)**
  WEC MK I enables SIFI connection to WIFI networks.

- **ZIGBEE 3.0 (soon sold seperately)**
  ZEC MK I enables SIFI connection to Zigbee 3.0 networks.
Features

- Embedded commissioning software
- Simplified SDN programming
- Powered via PoE
- Powered via Port 1 - SDN bus line (optional)
- Single integration point for third-party automation systems over IP or RS232

- Compatible with SDN 2.0
- Works with Somfy Synergy™ API
- Controls virtually unlimited motors
- SDDP Integration
- Lutron compatibility

Compliance Specifications

- UL Listed
- CE Approved

Supported Protocols

- TCP, UDP, TELNET Client, WEB Server, HTTP, UPNP, SDDP, Somfy Digital Network™ (SDN) & The Somfy Synergy™ API

Cable Pinouts

Port 1
RS232 input or RS485/ Power input optional

Port 2
SDN connection

Data +(WHT/ ORG)
Data - (ORG)
RS232 RX (WHT/ GRN)
Power + (BLUE)
Power + (WHT/ BLUE)
RS232 TX (GRN)
Ground - (WHT/ BRWN)
Ground - (BRWN)

Data +(WHT/ ORG)
Data - (ORG)
N/A (WHT/ GRN)
Power + (BLUE)
Power + (WHT/ BLUE)
N/A (GRN)
Ground - (WHT/ BRWN)
Ground - (BRWN)

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