

**somfy.**  
**1871168 Connect**  
**BMS Interface V2**



## Somfy 1871168 Connect BMS Interface V2 User Guide

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**Somfy 1871168 Connect BMS Interface V2**



## Description

The Somfy Connect BMS Interface V2 provides communication and control between Building Management Systems either as a stand-alone Somfy Digital Network™ (SDN) installation or when part of an animeo® IP system. The interface communicates with the Building Management System through IP or serial connections to send and receive signals.

## System Configuration

All motors must be fully operational and programmed with limits prior to programming. Follow all installation guidelines and product documentation. A fully commissioned SDN or animeo IP system is required..

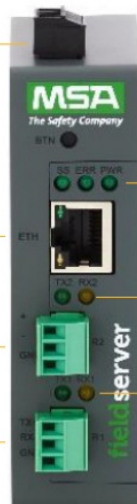
## Connections and Indicators

**Power Input**  
Connect included power supply cable to the BMS Interface

**Ethernet Port**  
Connect Cat-5 ethernet cable to the network switch

**R2 Port (from BMS)**  
Connect to third-party BMS System MS/TP connection

**R1 Port (to SDN)**  
Connect to SDN Device Port for stand-alone SDN



### LED Behavior (Ethernet (ETH))

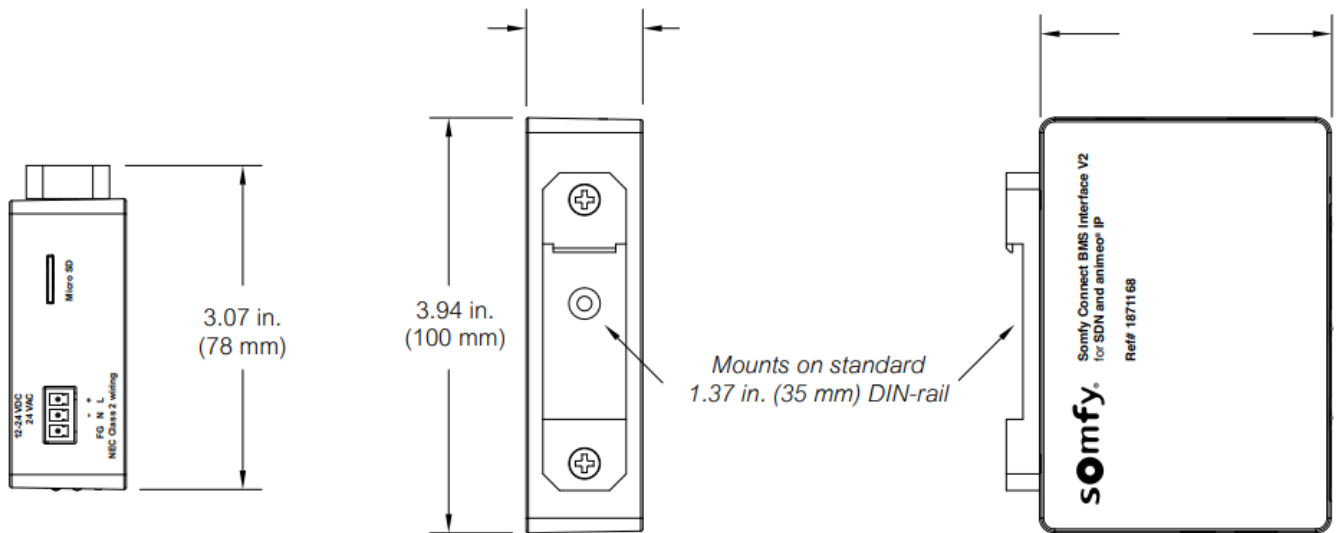
Label	Color	Function
SS	Green (slow flash)	Interface is in operation
ERR	Green (solid)	If system error exists
PWR	Green (solid)	Powered

### LED Behavior (R1/R2)

Label	Color	Function
TX1 or TX2	Green (flash)	Sent communication
RX1 or RX2	Orange (flash)	Received communication (inactive if port is not used)

## Mounting

The Somfy Connect BMS Interface V2 is mounted near the Building Management System, a network switch, or close to the beginning of an SDN network. This product features a DIN-rail mounting bracket on the back of the unit.



## System Setup

### Stand-alone SDN connection to RS485 BMS system

- Connect the BMS Interface R1 port to an SDN device port
- Connect the BMS Interface R2 port to the RS-485 BMS system Serial output

### Stand-alone SDN connection to IP BMS system

- Connect the BMS Interface R1 port to an SDN device port
- Connect the BMS Interface Ethernet port to the Local Area Network Switch
- Connect the IP BMS System to the Local Area Network Switch

### animeo IP connection to RS485 BMS system

- Connect the BMS Interface Ethernet port to the animeo IP Building Controller IP bus port
- Connect the BMS Interface R2 port to the RS-485 BMS system Serial output

### animeo IP connection to IP BMS system

- Connect the BMS Interface Ethernet port to the Local Area Network Switch
- Connect the animeo IP Building Controller Network port to the Local Area Network Switch
- Connect the IP BMS System to the Local Area Network Switch

## Connect PC

All DIP switches should remain in an OFF position

### Connect PC

The default IP address of the Somfy Connect BMS Interface V2 is 192.168.1.24 and subnet mask is 255.255.255.0. If the PC and interface are on different IP networks, temporarily assign a static IP address to the PC on the 192.168.1.x network. If the address has been changed to an unknown IP address, use the Somfy Connect FieldServer Toolbox software to identify the device.

1. CONNECT a Cat-5 Ethernet cable between the Somfy Connect BMS Interface V2 Ethernet port and a Windows PC Ethernet port
2. In Windows PC, NAVIGATE to network connections
3. SELECT the network device connected to the Somfy Connect BMS Interface V2
4. SELECT "Change settings of this connection"
5. In the Ethernet properties window, the networking tab, SELECT "Internet Protocol Version 4 (TCP/IPv4)," then SELECT "Properties"
6. In the Internet Protocol Version 4 (TCP/IPv4) Properties
  - SELECT the "Use the following IP address:" radio button
  - ENTER the IP address: 192.168.1.x (x can be from 2 to 255 except for 24)
  - ENTER the subnet mask: 255.255.255.0
  - SELECT "OK" on both windows to apply settings
7. OPEN a web browser to NAVIGATE and LOGIN to the Somfy Connect BMS Interface V2 <http://192.168.1.24>
8. Refer to the Somfy Connect BMS Interface V2 Programming Guide for additional support

Upon completion of the Somfy Connect BMS Interface V2 configuration, repeat Step 6 to revert previous settings. In the Internet Protocol Version 4 (TCP/IPv4) Properties, SELECT the "Obtain an IP address automatically" radio button.

### Connect PC

For the latest resources go to: <https://www.somfypro.com/products/-/e-cat//1871168>

- Somfy Connect BMS Interface V2 for SDN and animeo IP Programming Guide
- Somfy Connect BMS Data Points Deployment Guide
- Somfy Connect FieldServer Toolbox to discover assigned IP addresses

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### Specifications

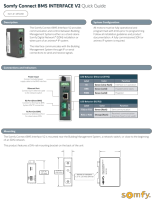
- **Item #:** 1871168
- **Power Input:** 12-24 VDC, 24 VAC
- **Mounting:** DIN-rail mounting bracket
- **Dimensions:** 3.07 in. (78 mm) x 3.94 in. (100 mm)
- **Wiring:** NEC Class 2 wiring

### Frequently Asked Questions

#### Q: What should I do if the LED indicators show an error?

A: If the LED indicators show an error, check the connections and power supply to ensure proper functioning of the interface. Refer to the product documentation for troubleshooting steps.

### Documents / Resources

	<p><a href="#">Somfy 1871168 Connect BMS Interface V2</a> [pdf] User Guide</p> <p>1871168 Connect BMS Interface V2, 1871168, Connect BMS Interface V2, BMS Interface V2, Interface V2</p>
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References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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