

animeo IP

BMS Interface



The BMS Interface provides communication between Building Management Systems and Somfy motorized shading systems. It is compatible with Stand-alone SDN, animeo IP/io and animeo IP/RS485 shade systems.

This interface communicates through a direct connection to the building automation IP network or uses a BACnet translator box to send and receive signals. The BACnet to animeo IP provides third party communication to stand-alone SDN systems and animeo IP.

When utilizing the interface Somfy motorized system devices provide feedback and could be controlled by the BACnet network.

Installation Advantages

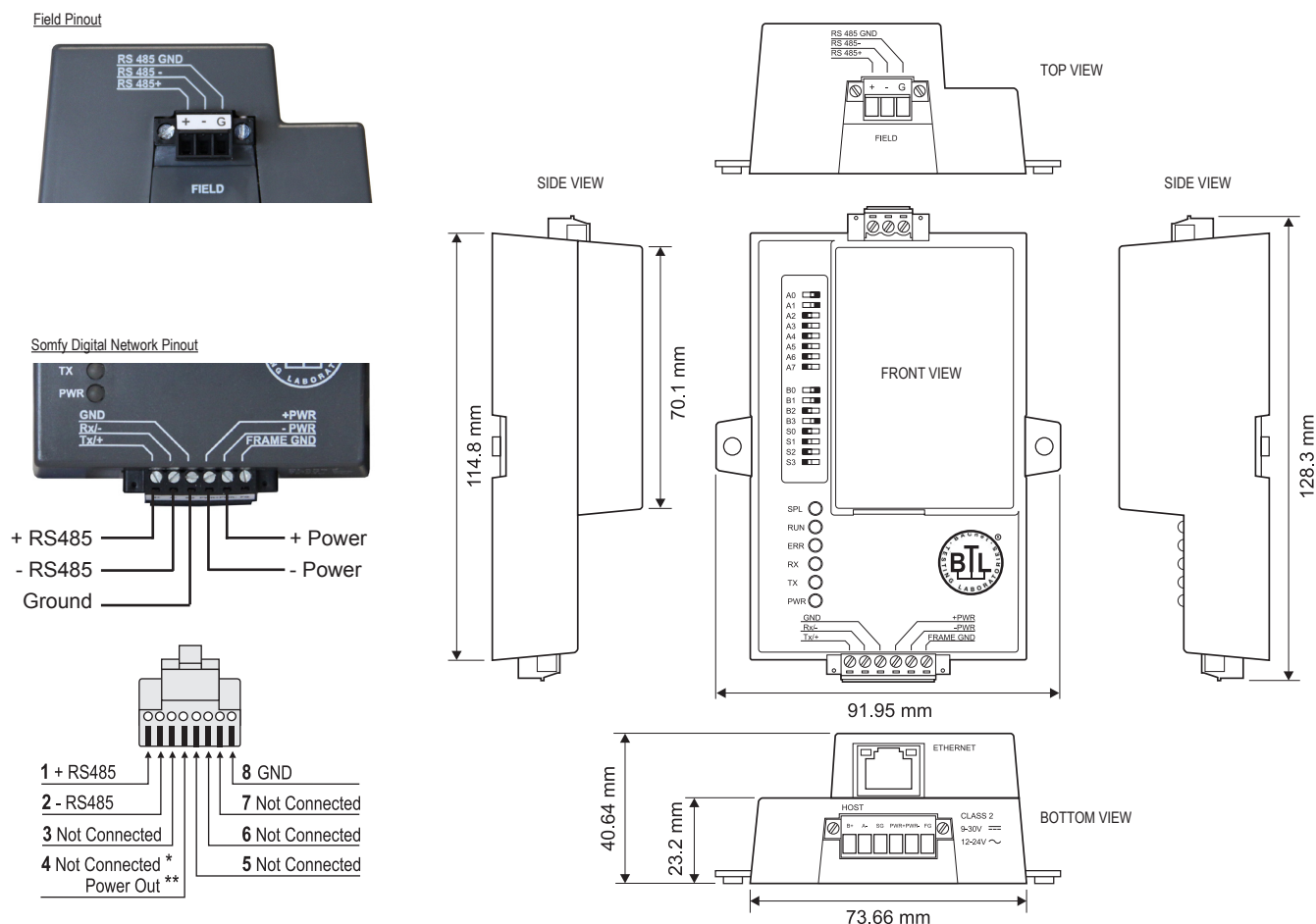
- > RJ45 connector for false prove connections.
- > LED indicators providing information about the status of the product, the normal operation or a system error.

Functional Advantages

- > Supports up to 2 500 data points.
- > Integration capabilities: Modbus, BACnet MS/TP, BACnet IP.
- > Programmable through user-friendly, web-based interface.
- > Auto device discovery for animeo IP.
- > System control for stand-alone SDN - controls individual or motors groups:
 - Position (%) - feedback on motors only
 - Position (absolute) - feedback on motors only
- Intermediate position
- Up, Stop and Down control
- > System control for animeo IP - controls individual or motor groups, sensors and virtual keypads:
 - Position (%) - feedback on motors only
 - Up, Stop and Down control/commands
 - Priority control
 - Sensor data - provides single direction information to BMS system




Ref. 1822558



Characteristics

| BMS Interface | Ref. 1822558 |
|--------------------------------|--|
| Supply voltage | 24 V DC |
| Stand-by current (IEC 62301) | 250 mA |
| Stand-by power (IEC 62301) | 2,5 W |
| Terminals | Screw and RJ45 connectors |
| Operating temperature | 0° C to 50° C |
| Relative humidity | 5 - 90 % RH, non-condensing |
| Material of housing | ABS plastic |
| Housing dimensions (w x h x d) | 115 x 92 x 41 mm |
| Weight | 450 g |
| Degree of protection | IP20 |
| Conformity | www.somfy.com/ce |

Wiring

| Connection | Cables | Twisted pairs | Max. distance |
|-----------------------|---|---------------|--|
| Somfy Digital Network | CAT5 | Required | see "SDN Bus wiring guide" in Somfy Digital Network (RS485) section at www.somfy.com/projects/downloads  |
| Power | Max.: 0.8 mm ² /18 AWG Min.: 0.5 mm ² /20 AWG | - | |
| Ethernet Port | RJ45 CAT5 | Required | |
| Field | Max.: 0.8 mm ² /18 AWG Min.: 0.32 mm ² /22 AWG | Required | |