

## **Specification Points for Sonesse 30 RS485**

**Ultra Quiet Sonesse Digital Motor (SDM)**- The Sonesse 30 tubular motor (SDM) operates at a near silent level (rated at 44dba at 3 feet). It is very important that building elements operate at minimal noise levels in order to maintain a non-distracting work environment

**Strength**- The SDM is a 2nm drive unit that perfectly marries strength and silent operation. Many manufactures have had to adapt a spring assist in order to achieve the lifting capacity of our SDM

**Intelligent Digital Motor**- Every SDM comes with an embedded micro-processor based controller and on board serial communication port. Each SDM also includes a permanently lubricated gear box and is thermally protected which mean no maintenance is ever required.

**Simplified Wiring**-Low Voltage DC wire that can be daisy chained, T tap, Star or any combination that suits the application. Cat 5 communication wire is acceptable

**Digitally Precise Positioning**- All shades will stop at a precise position and in exact alignment (to +/- 1/16" accuracy) at all times for the life of the system. The SDM uses a digital encoder and a microprocessor to keep track of its position with a high degree of accuracy. The SDM's position is constantly monitored and stored in non-volatile memory.

**Multi Group Programming**- In addition to it's unique address, the SDM can be a member of up to 16 groups (this means an operator can be linked to a Board Room, whole building, Façade, floor, security etc) with the SDN you can assign priority codes to give preference to the control system of your choice

**Multi-Location Programming**- Somfy Digital Motor limits can be set at the operator or over the network allowing flexibility in programming and ease of installation.

**255 Priority Level Commands**- The SDM supports a priority based command structure. This feature is used when there are multiple control points sending commands to the same SDM or groups of SDM's. This feature is useful for overriding commands that are sent from an automation system. This is especially useful in conference rooms and offices where personal preferences are desired over the automation system. Other uses include emergency override as in the case of a fire alarm.

**Universal Integration**- The SDM is adaptable to most common communications methods. The SDN is based on open RS485 protocol but can also use RS232 to integrate into BMS and many other systems. Communication available in RTS, Zigbee & Z Wave

**Somfy Digital Keypads**- Multiple control capabilities including 8 dry contact closure inputs, wired 485 network and built in IR Capabilities included in every keypad

**Somfy SDN System Warranty**- Somfy offers an unprecedented FULL 5 year warranty on all Somfy Devices that are part of the SDN.