

# ▶ 03-DIN

## 03-DIN-SMI: SMI Module for Motorized Blinds

### Description

The 03-DIN-SMI provides connectivity between your BACnet® building automation system and Standard Motor Interface (SMI) motors installed on the same system.

The SMI digital interface protocol is designed to automate roller shutters and sun protection systems. SMI commands, queries and status feedback are transmitted and received as telegrams between controller and motors. The 03-DIN-SMI module works with both SMI mains voltage and SMI low voltage motors, but mains voltage and low voltage motors must not be mixed on a single SMI network.



### Application

The 03 system is a complete solution that combines HVAC, access control and lighting control in a modular system. One SMI Interface module can manage up to 16 SMI drives and integrate up to 16 groups. The internal power supply also means there is no need for extra wiring or power supply in a room-sized system.

### Features

- ▶ 1 SMI channel
- ▶ Supports up to 16 SMI drives
- ▶ Supports up to 16 groups of drives
- ▶ LED status indicators for power, module status and communication bus activity
- ▶ DIN EN 50022-35x7.5 compliant

### Specifications

#### External Inputs

2 push buttons for Manual Up and Manual Down

#### Connectors

Removable screw-type terminal connectors

#### Wiring Class

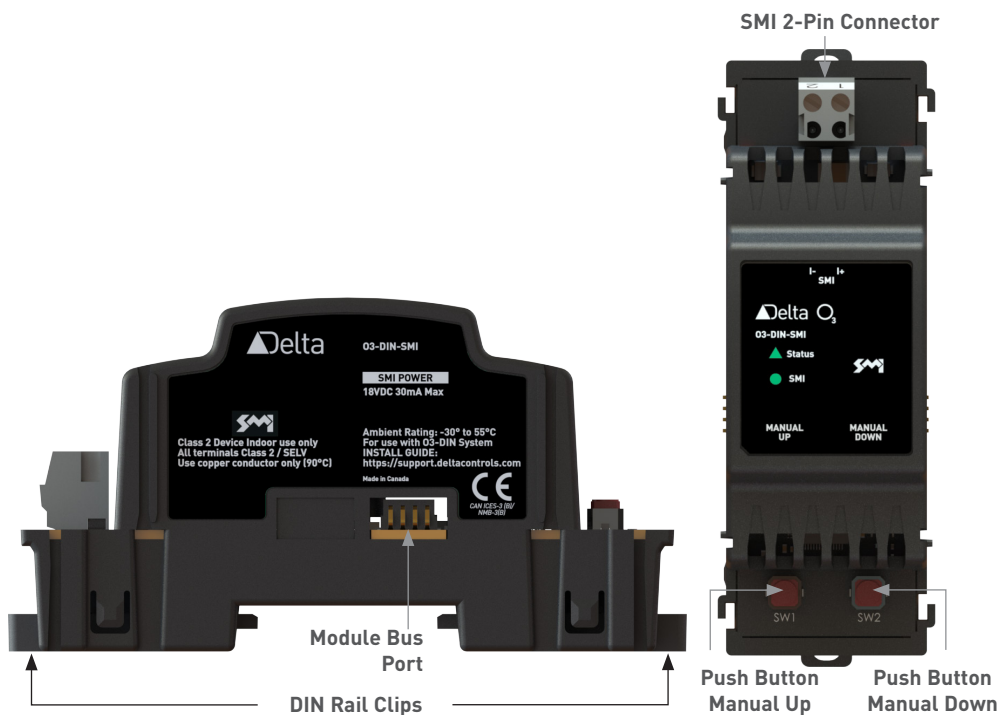
Class 2 / SELV

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### Specifications (Continued)

#### Power

24 VDC, 0.9 W max fully loaded\*

\* Module power is internally supplied from the 03-DIN controller through the module bus port.

#### SMI Power

18 VDC, 30 mA max

#### Communication Port

2-pin SMI communication port

#### Ambient Rating

-30°C to 55°C [-22°F to 131°F]

10% to 95% RH (non-condensing)

#### Dimensions

3.6 × 11.1 × 5.8 cm

[1.42 × 4.37 × 2.28 in.]

#### Weight

70 g (0.15 lb)

#### Compliance

CE

FCC

SMI

Order an 03-DIN system base unit with one or more modules or hubs:

### Base Units

03-DIN-CPU	CPU base unit: 3 network ports, 2 Ethernet ports, 3 power outputs, Modbus RTU, NFC
03-DIN-SRC	CPU base unit: 2 network ports, 2 Ethernet ports, 1 power output, Modbus RTU, NFC

### Modules and Hubs

03-DIN-SMI	SMI module for motorized blinds: SMI interface, 30 mA power output
03-DIN-4F4xP	FET I/O module: 4 universal I/O, 4 FET binary outputs
03-DIN-8xP	I/O module: 8 universal I/O, input (0-10 V, 0-5 V, 10K) or output (20 mA source, 10 mA sink)
03-DIN-ACCESS	Access module, single door support
03-DIN-DALI	DALI lighting module: DALI interface, 100 mA power output
03-DIN-PoE	Power over Ethernet module
03-DIN-PWRINJ	Power injector module for 03 expansion
03-HUB	Sensor hub (temperature, humidity, light, motion, Bluetooth, LED ring, microphone and speaker) with mounting plate
03-HUB-En868	Sensor hub (temperature, humidity, light, motion, Bluetooth, EnOcean 868 MHz, LED ring, microphone and speaker) with mounting plate
03-HUB-En902	Sensor hub (temperature, humidity, light, motion, Bluetooth, EnOcean 902 MHz, LED ring, microphone and speaker) with mounting plate

Subject to change without notice.

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### Power Supplies

<b>DRC-24V30W1AZ</b>	Chrome Line Voltage DC power supply 24 V 30 W Class A EMC
<b>DRC-24V60W1AZ</b>	Chrome Line Voltage DC power supply 24 V 60 W Class A EMC
<b>DRC-24V100W1AZ</b>	Chrome Line Voltage DC power supply 24 V 100 W Class A EMC
<b>DRS-24V30W1NZ</b>	Sync Line Voltage DC power supply 24 V 30 W Class B EMC
<b>DRS-24V50W1NZ</b>	Sync Line Voltage DC power supply 24 V 50 W Class B EMC
<b>DRS-24V100W1NZ</b>	Sync Line Voltage DC power supply 24 V 100 W Class B EMC