

▶ 03-DIN

03-DIN-SMI: SMI Interface

Description

The 03-DIN-SMI provides connectivity between your BACnet® building automation system and the 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

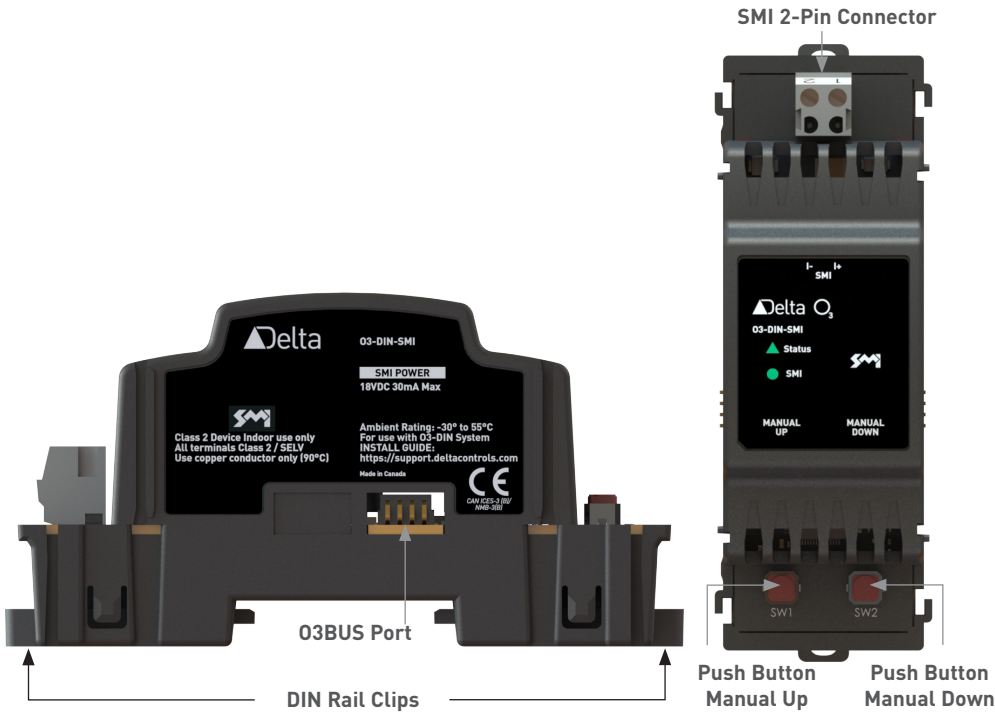
Class 2 / SELV

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Specifications (Continued)

Power

24 VDC, 0.9 W max fully loaded*
 * Module power is internally supplied from a 03-DIN-CPU through the O3BUS.

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 the 03-DIN Rail system base unit with one or more modules:

Base Unit

03-DIN-CPU	CPU base unit: 3 network ports, 2 Ethernet ports, 3 Power Out, Modbus RTU support, NFC
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Module Options

03-DIN-SMI	SMI module for blinds: SMI interface, 30 mA power output
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-DALI	DALI lighting module: DALI interface, 100 mA power output

Power Supply

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

Subject to change without notice.