Ordering Information
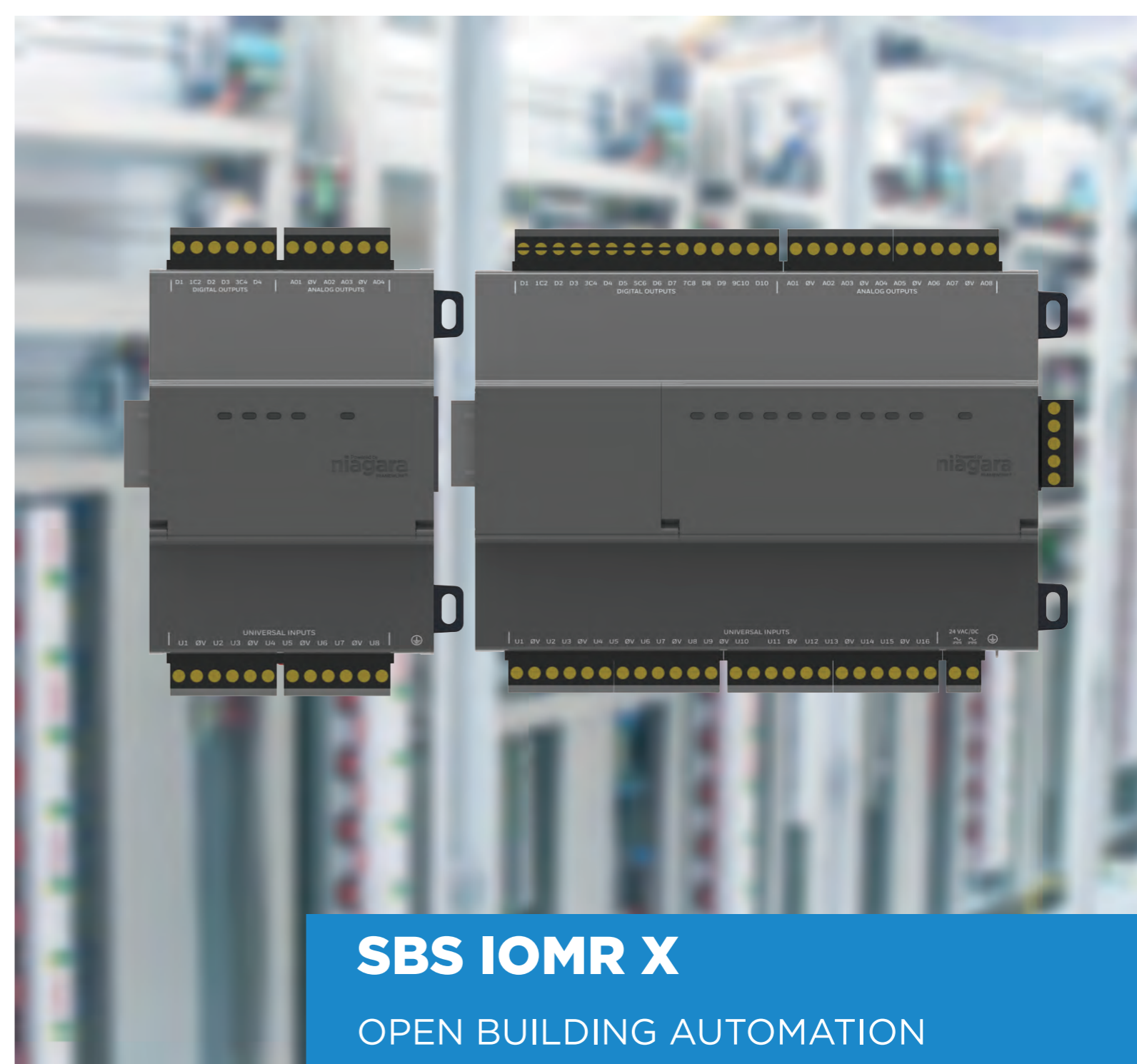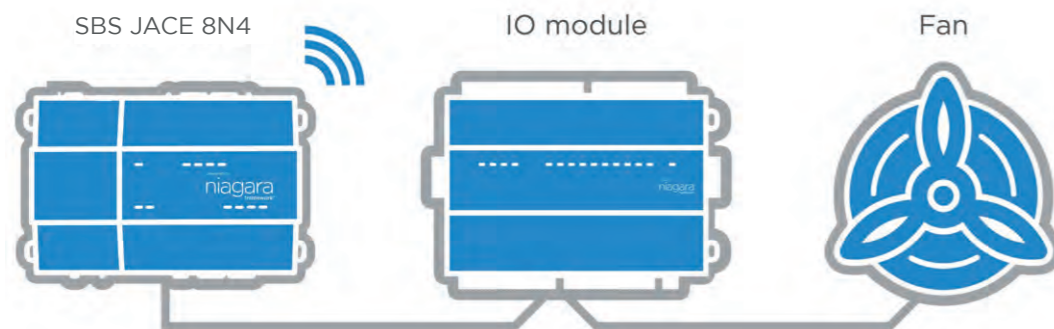
Part number	Description
IOMR-X-34	34 Point IO Module. Powered by 24VAC. Capable of powering 4 IO-R-16 modules. Connected to SBS JACE 8N4 remotely over RS485.
IOMR-X-16	16 Point IO Module. Powered by IO-R-34. Connected to SBS JACE 8N4 remotely over RS485.

Niagara for remote monitoring applications

SBS JACE 8N4   IO module   Fan

SBS IOMR X

OPEN BUILDING AUTOMATION

NIAGARA I/O MODULE

powered by
niagara
framework®

With the OAS SBS IOMR X I/O Module you can monitor, control, schedule and analyze your building assets like never before. IP-based IO controller based on the Niagara Framework®.

With our SBS series we offer IoT solutions and services that go far beyond the usual room and building automation.

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IoT Solutions and Services
for Smart Automation

open automation systems

Produktbeschreibung

SBS IOMR X is part of Tridium's portfolio of hardware, software and tools designed for remote monitoring and control applications that enables end-to-end automation and device-to-enterprise integration. SBS IOMR X allows the JACE® 8000 to interface directly with simple non-intelligent inputs and outputs remotely located up to 4,000 feet from the JACE. The connection is established via an industry-standard RS 485 multi-drop communications bus. Multiple SBS IOMR X devices can be utilized on a single SBS JACE 8N4, providing 250+ IO points on a single SBS JACE 8N4.

OAS-SBS-IOMR-X-34

OAS SBS I/O Module -IO Bus SBS IOMR-X-34

- (16) Universal inputs: Type 3 (10k) thermistors, 0-100K ohm, 0-10VDC, 0-20 mA with external resistor
- (10) Relay outputs (Form A contacts, 24VAC @ .5 amp rated)
  (8) Analog outputs (0-10VDC)
- Powered from a 24VAC/DC source
- Can power up to 4 IO-R-16 modules
- Connected to JACE 8000 remotely over a shielded RS485 bus

Part Nr. OAS-SBS-IOMR-X-34

OAS-SBS-IOMR-X-16

OAS SBS I/O Module -IO Bus SBS IOMR-X-34

- (8) Universal inputs: Type 3 (10k) thermistors, 0-100K ohm, 0-10VDC, 0-20 mA with external resistor
- (4) Relay outputs (Form A contacts, 24VAC @ .5 amp rated)
- (4) Analog outputs (0-10VDC)
- Powered from IO-R-34
- Connected to SBS JACE 8N4 remotely over a shielded RS485 bus

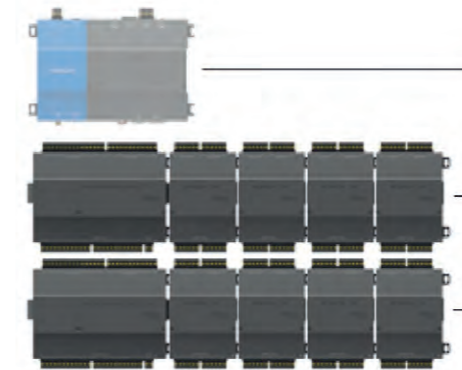Part Nr. OAS-SBS-IOMR-X-16

Technical Data

Maximum expansion
(8) IO-R-34s
Or (16) IO-R-16s
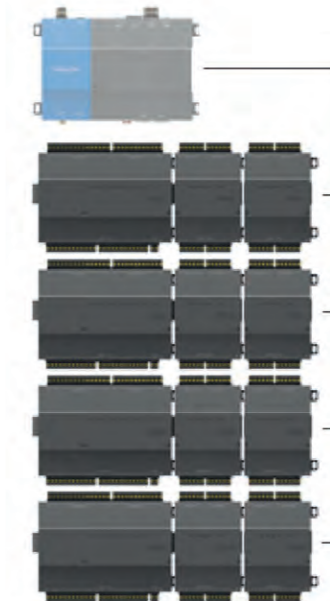
Power
One IO-R-34 can power four IO-R-16 modules.

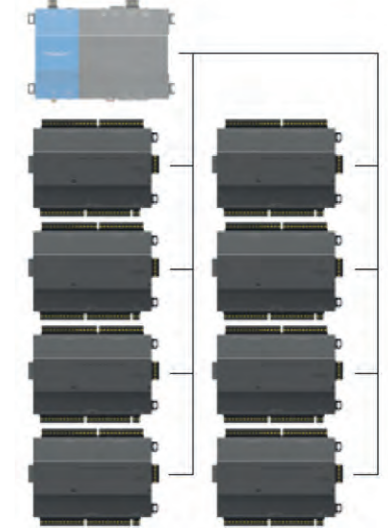### Common configurations

Maximum configuration for 2 panels.

Maximum configuration for 4 panels

Maximum configuration for 8 panels

Shown with maximum of 4 IO-R-16s per IO-R-34

Certificate of conformity

- UL 916
- C-UL
- CE EN 61326-1:2013
- RCM
- FCC part 15, class b
- RoHS2

- REACH
- WEEE
- China ROHS
- Open Energy Management Class 2

Environmental specifications

- Operating temperature: -20–60°C
- Storage temperature: -40–85°C
- Humidity: 5%–95% — Noncondensing
- Shipping & vibration: ASTM D4169, Assurance Level II
- MTTF: 10 years+

The SBS-IOMR-X is powered by Niagara Framework®.
Niagara Framework is a registered trademark of Tridium Inc.

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niagara
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