

Model Selection Table for Network Instrumentation Module model NX- _ _ _

Controller Module

Process controller
(4-channel or 2-channel)



Model NX-D15/25/35 (4-channel)

| Basic model No. | Type | Ring connection | Wiring method | Control loops | Output type | Option | Addition | Description |
|-----------------|-------------------|-----------------|---------------|---------------|-------------|------------------|--|---|
| NX- | D15 D25 D35 | N R | T S | 4 | T C D | 0 1 2 3 | | Network Instrumentation Module |
| | | | | | | | | Controller module $\pm 0.3\%$ FS, 500 ms sampling, 4 loops *1 |
| | | | | | | | | Controller module $\pm 0.3\%$ FS, 200 ms sampling, 4 loops |
| | | | | | | | | Controller module $\pm 0.1\%$ FS, 100 ms sampling, 4 loops |
| | | | | | | | | Non-ring connection |
| | | | | | | | | Ring connection |
| | | | | | | | | Screw terminal block |
| | | | | | | | | Screwless terminal block |
| | | | | | | | | 4 loops |
| | | | | | | | | Transistor output (4 points) |
| | | | | | | | | Analog current output (4 points) |
| | | | | | | | | Analog voltage output (4 points) |
| | | | | | | | 0 None | |
| | | | | | | | 1 Current transformer input (4 points) | |
| | | | | | | | 2 Digital output (4 points) | |
| | | | | | | | 3 Digital input (4 points) | |
| | | | | | | | 0 None | |
| | | | | | | | D Inspection certificate | |
| | | | | | | | Y Supports traceability certification | |
| | | | | | | | T Tropicalization treatment | |
| | | | | | | | K Anti-sulfide treatment | |
| | | | | | | | B Tropicalization treatment + inspection certificate | |
| | | | | | | | L Anti-sulfide treatment + inspection certificate | |

*1. Model NX-D15 cannot be used for multi-loop cooperative control and communication between modules.

Model NX-D35 (2-channel)

| Basic model No. | Type | Ring connection | Wiring method | Control loops | Output type | Option | Addition | Description |
|-----------------|------|-----------------|---------------|---------------|-------------|-----------------------|--|--|
| NX- | D35 | N R | T S | 2 | T C D | 0 1 2 3 4 | | Network Instrumentation Module |
| | | | | | | | | Controller module $\pm 0.1\%$ FS, 100 ms sampling, 2 loops |
| | | | | | | | | Non-ring connection |
| | | | | | | | | Ring connection |
| | | | | | | | | Screw terminal block |
| | | | | | | | | Screwless terminal block |
| | | | | | | | | 2 loops |
| | | | | | | | | Transistor output (4 points) |
| | | | | | | | | Analog current output (4 points) |
| | | | | | | | | Analog voltage output (4 points) |
| | | | | | | | | Transistor output (position proportional control) *1 |
| | | | | | | | | Isolated analog current output |
| | | | | | | | Isolated analog voltage output | |
| | | | | | | | 0 None | |
| | | | | | | | 1 Current transformer input (4 points) | |
| | | | | | | | 2 Digital output (4 points) | |
| | | | | | | | 3 Digital input (4 points) | |
| | | | | | | | 4 Digital outputs (2 points, position proportional control) *1*2 | |
| | | | | | | | 0 None | |
| | | | | | | | D Inspection certificate | |
| | | | | | | | Y Supports traceability certification | |
| | | | | | | | T Tropicalization treatment | |
| | | | | | | | K Anti-sulfide treatment | |
| | | | | | | | B Tropicalization treatment + inspection certificate | |
| | | | | | | | L Anti-sulfide treatment + inspection certificate | |

*1. Connect an external auxiliary relay. The motor is driven via the auxiliary relay.
*2. If the output type is M, option 4 cannot be selected.

Digital Input Module

Digital and pulse input module
(16 inputs)



| Basic model No. | Type | Ring connection | Wiring method | Channels | Option | Addition | Description | |
|-----------------|------------|-----------------|---------------|----------|--------|----------|--|-----------------------------|
| NX- | DX1 DX2 | N R | T S | 16 | 0 | | Network Instrumentation Module | |
| | | | | | | | Digital input (shared by + common and - common) | |
| | | | | | | | Pulse input (shared by + common and - common) *1 | |
| | | | | | | | | Non-ring connection |
| | | | | | | | | Ring connection |
| | | | | | | | | Screw terminal block |
| | | | | | | | | Screwless terminal block |
| | | | | | | | | 16 channels |
| | | | | | | | | 0 None |
| | | | | | | | | D Inspection certificate |
| | | | | | | | | T Tropicalization treatment |
| | | | | | | | | K Anti-sulfide treatment |
| | | | | | | | B Tropicalization treatment + inspection certificate | |
| | | | | | | | L Anti-sulfide treatment + inspection certificate | |

*1. Channels 1-8 : 5 kHz. Channels 9-16 : 100 Hz.

Digital Output Module

Digital output module
(16 outputs)



| Basic model No. | Type | Ring connection | Wiring method | Channels | Option | Addition | Description | |
|-----------------|------------|-----------------|---------------|----------|--------|----------|--|-----------------------------|
| NX- | DY1 DY2 | N R | T S | 16 | 0 | | Network Instrumentation Module | |
| | | | | | | | Digital output (Transistor output sink type) | |
| | | | | | | | Digital output (Transistor output source type) | |
| | | | | | | | | Non-ring connection |
| | | | | | | | | Ring connection |
| | | | | | | | | Screw terminal block |
| | | | | | | | | Screwless terminal block |
| | | | | | | | | 16 channels |
| | | | | | | | | 0 None |
| | | | | | | | | D Inspection certificate |
| | | | | | | | | T Tropicalization treatment |
| | | | | | | | | K Anti-sulfide treatment |
| | | | | | | | B Tropicalization treatment + inspection certificate | |
| | | | | | | | L Anti-sulfide treatment + inspection certificate | |

Please read "Terms and Conditions" from the following URL before ordering and use.
<https://www.azbil.com/products/factory/order.html>

[Notice] Specifications are subject to change without notice. No part of this publication may be reproduced or duplicated without the prior written permission of Azbil Corporation.

Ethernet is a trademark of FUJIFILM Business Innovation Corp. Windows is a registered trademark or trademark of Microsoft Corporation in the United States and/or other countries. Modbus is a trademark and the property of Schneider Electric SE, its subsidiaries and affiliated companies. MELSEC is a trademark of Mitsubishi Electric Corporation. TOYOPUC is a trademark of JTEKT Corporation. SYSMAC is a trademark of Omron Corporation. FLIR is a trademark of FLIR Systems, Inc., or its affiliates. Other product names, model numbers and company names may be trademarks of the respective company.

Azbil Corporation
Advanced Automation Company

1-12-2 Kawana, Fujisawa
Kanagawa 251-8522 Japan
URL: <https://www.azbil.com>

1st Edition: Jan. 2019-SO
4th Edition: Mar. 2022-SO



Network Instrumentation Module

Smart Device Gateway* Model NX-SVG



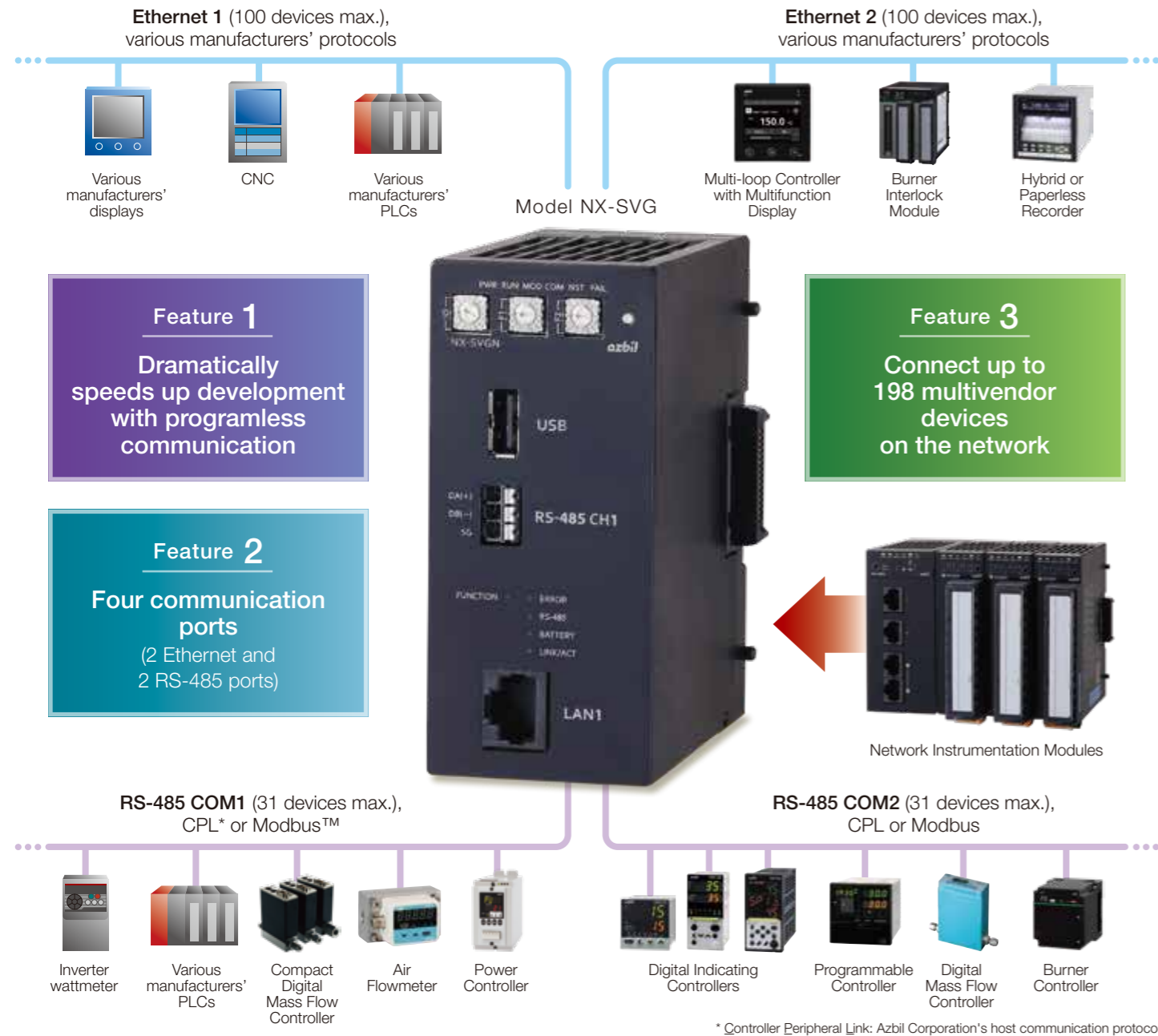
TIME IS MONEY!

* A communication gateway that allows the interchange of information between various kinds of control device without programming, enabling smarter development work.

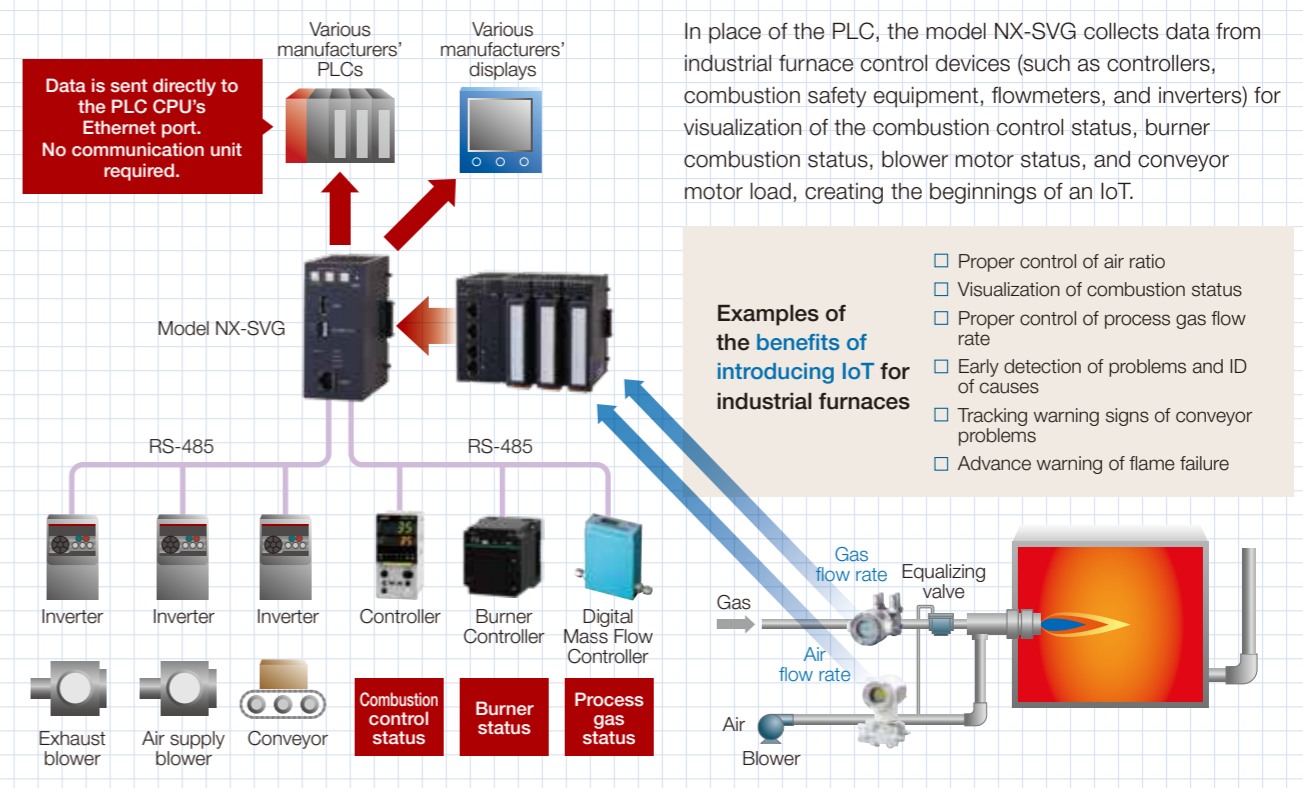
Azbil Corporation

The Network Instrumentation Module Smart Device Gateway model NX-SVG is a **multi-vendor IoT gateway** that links data between devices connected by Ethernet and RS-485 **without the need to create communication programs.**

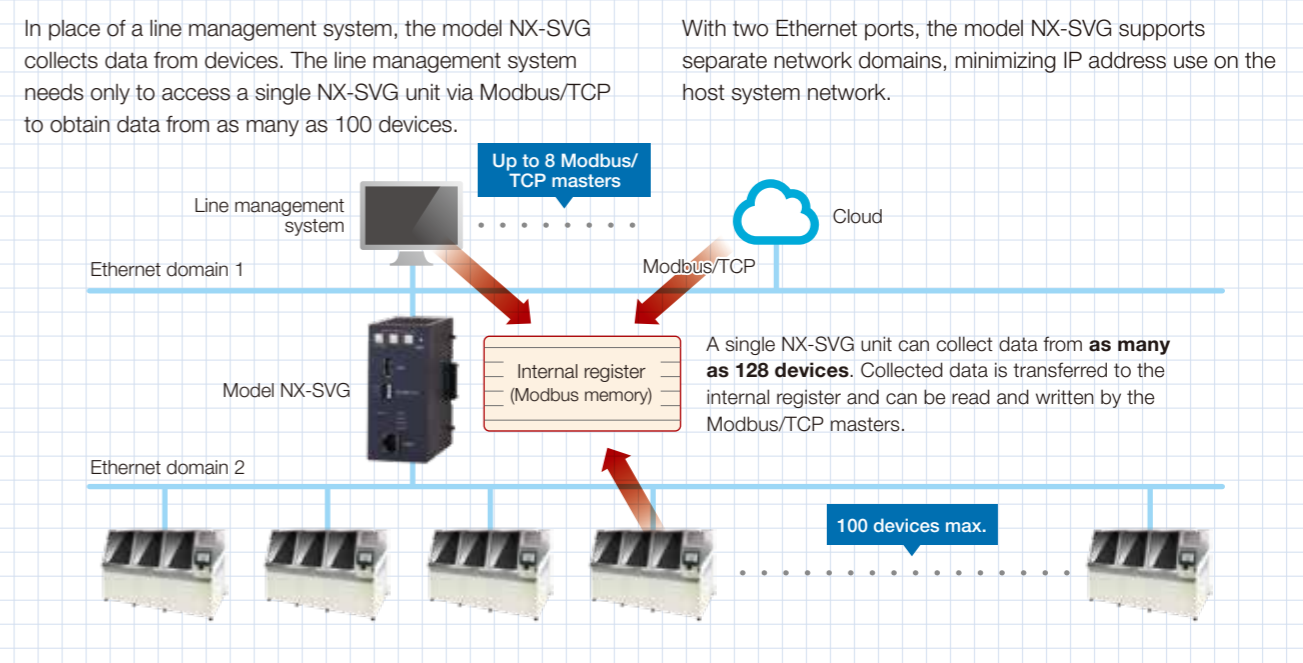
It **significantly enhances the data collection capability** of devices (such as PLC and IPC controllers) and helps integrate IoT devices.



USE CASE 1 For status visualization, collect data from field devices without using the PLC

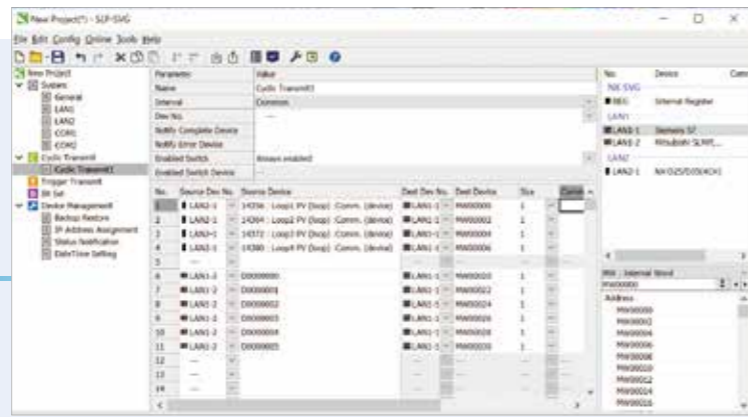


USE CASE 2 100 x improvement in ability to collect data from devices



Setup tool greatly **accelerates** IoT integration development

Model SLP-SVG



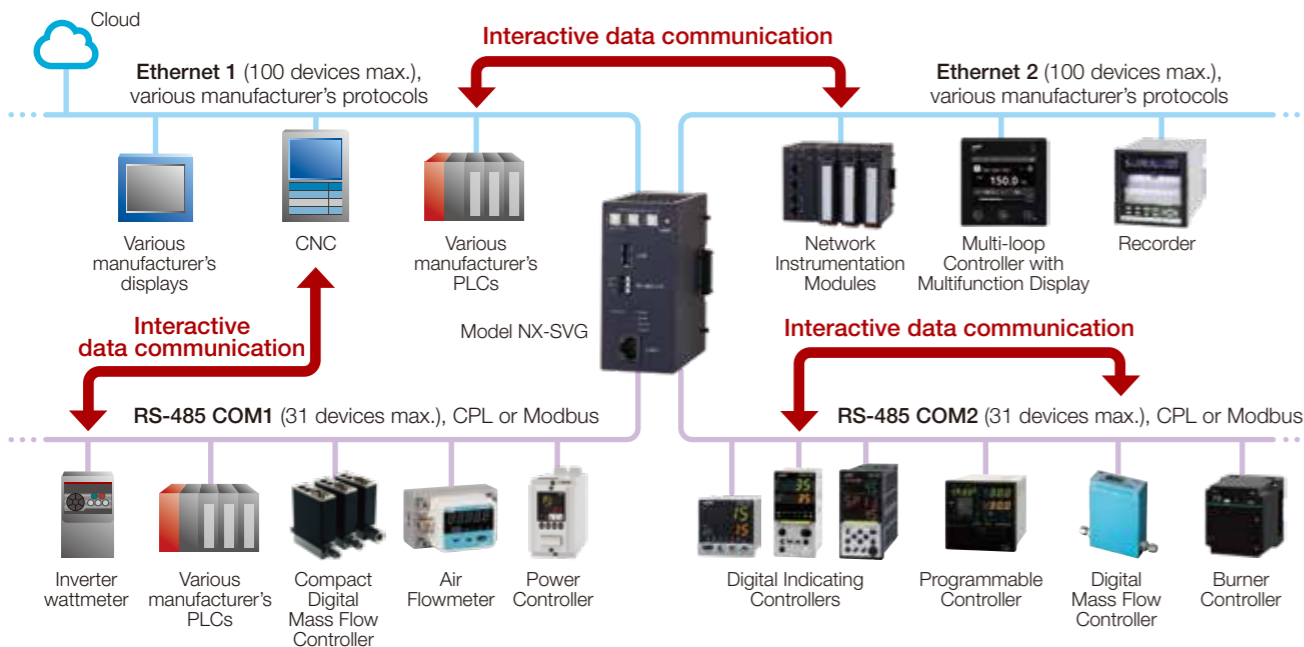
Multi-vendor communication (master communication) / Modbus / TCP server

The model NX-SVG easily handles data transfer between devices, whether the connection methods are Ethernet-Ethernet, Ethernet-RS-485, or RS-485-RS-485, without the need to create communication programs.

With the Modbus/TCP server function, data can be displayed on or written to devices from a programmable display, cloud service, etc., without using a PLC.

Compatible with multi-vendor communication protocols

- Ethernet communication**
 - Azbil CPL/TCP master
 - SLMC master (MC protocol 3E)
 - Yokogawa Electric FA-M3 PC link master
 - Omron FINS TCP/UDP master
 - JTEKT Corp. TOYOPUC computer link master
 - Siemens AG S7 communication master
 - Modbus/TCP master
 - Modbus/TCP server
- RS-485 communication**
 - Azbil CPL master
 - Modbus/RTU master

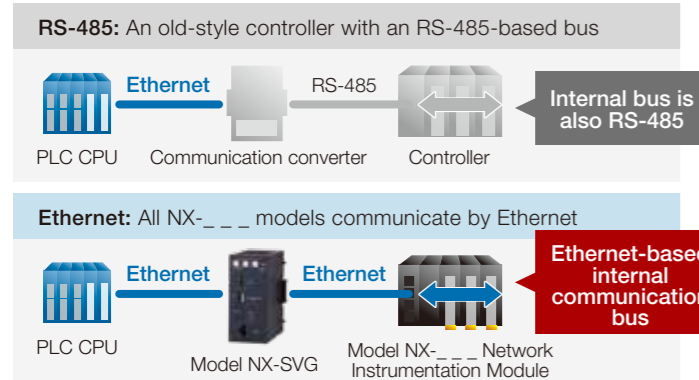


Ethernet high-speed large-capacity data link

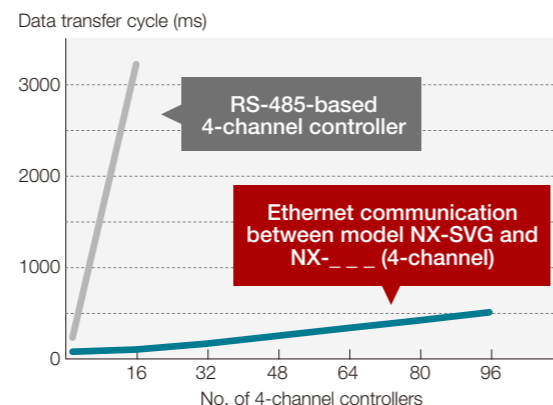
The Network Instrumentation Module models NX-___, have an Ethernet bus to facilitate internal communication between modules. This achieves unprecedented high-speed large-capacity data link communication between PLCs and the modules, all via Ethernet. In a conventional controller with an

RS-485-based internal communication bus, data communications must wait for their turn. By contrast, the modules' Ethernet-based internal communication bus allows parallel communication, and its communication performance is overwhelmingly superior to that of conventional controllers.

Comparison of configuration between an old-style RS-485-based controller and the Ethernet-based Network Instrumentation Module



Comparison of communication cycles between models NX-___ and RS-485-based controller



Simple setup of data links just by device addressing

Data transfer can be easily configured by specifying the source and destination devices. No PLC ladder program is needed for

communication. Moreover, fixed values (such as decimal "1234") can be written to devices to set them up.

| No. | Source Dev No. | Source Device | Dest Dev No. | Dest Device | Sta | Comment |
|-----|----------------|---|--------------|--------------------------------------|-----|------------------------------|
| 1 | LAN2-2 | 14352 : Loop1 READY/RUN :Comm. (device) | LAN1-1 | M00000.1 | 1 | Read RUN / READY state |
| 2 | LAN2-2 | 14356 : Loop1 PV (loop) :Comm. (device) | LAN1-1 | MW00008 | 1 | Read PV1 |
| 3 | LAN2-2 | 14357 : Loop1 SP :Comm. (device) | LAN1-1 | MW00010 | 1 | Read SP1 |
| 4 | LAN2-2 | 14358 : Loop1 NV :Comm. (device) | LAN1-1 | MW00012 | 1 | Read MV1 |
| 5 | ... | ... | ... | ... | ... | ... |
| 6 | LAN1-1 | MW00010 | LAN2-2 | 14593 : Loop1 LSP :Comm. (operation) | 1 | Write LSP1 |
| 7 | ... | ... | ... | ... | ... | ... |
| 8 | REG | K1000 | LAN2-2 | 04326 : Event1 main setting | 1 | Upper limit value 1000 write |
| 9 | ... | ... | ... | ... | ... | ... |
| 10 | ... | ... | ... | ... | ... | ... |
| 11 | ... | ... | ... | ... | ... | ... |

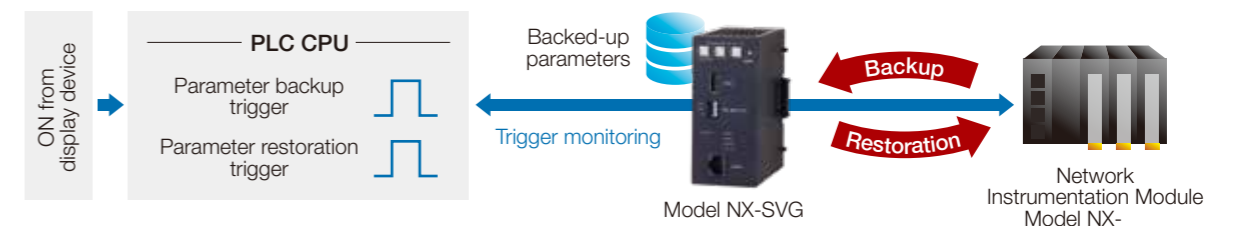
[Specify the source device] [Specify the destination device] [Enter comments]

Backup and restoration functions make the management of NX-___ models easy

When the backup trigger signal from the PLC is turned on, the model NX-SVG automatically reads setup parameters from the other modules and backs them up internally. When the

restoration trigger signal from the PLC is turned on, the model NX-SVG restores the backed-up setup parameters to the modules. Backing up parameters is that easy.

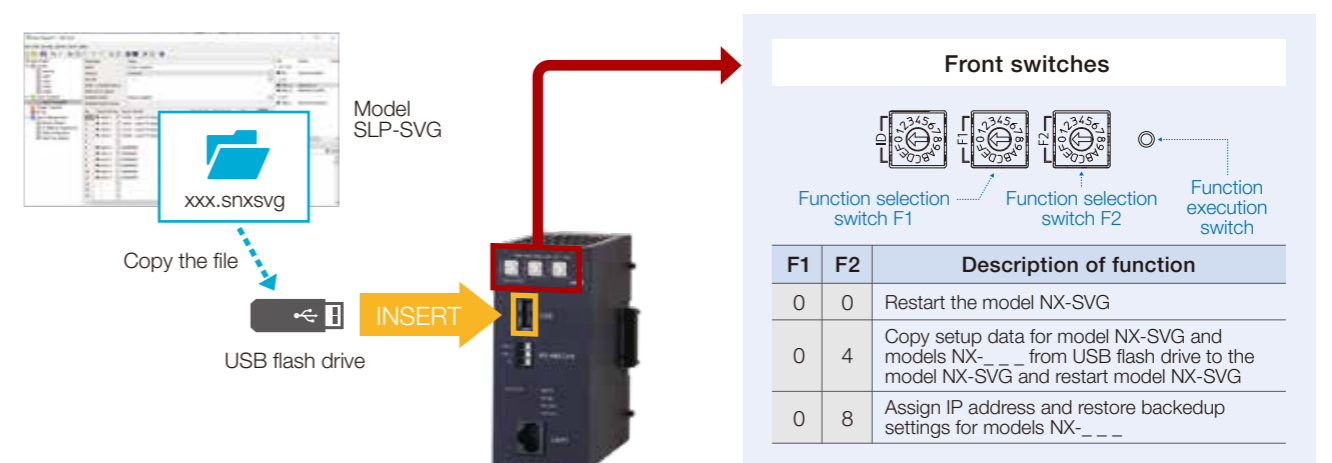
Easy parameter backup by turning a trigger ON



Writing setup data from a USB flash drive (on-site setup without setup tools)

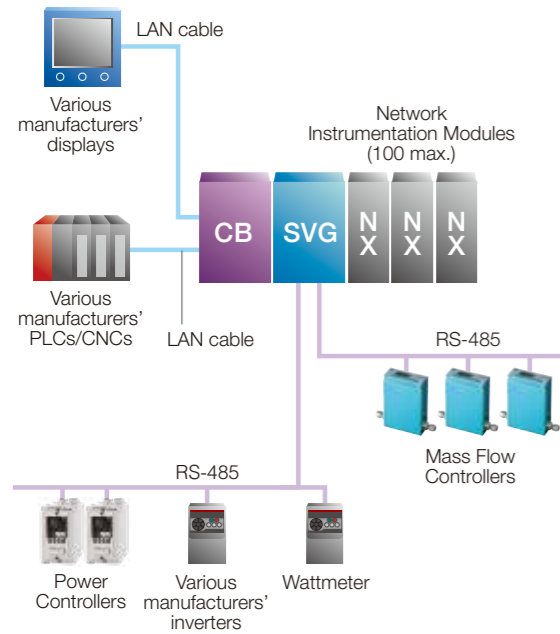
The model NX-SVG and other Network Instrumentation Modules can be set up using only a USB flash drive. No setup tools are needed. To set parameters for the model NX-SVG and models NX-___, just copy the setup data (xxx.snxsug or xxx.nxsug)

generated by the model SLP-SVG to the USB flash drive, insert the drive into the model NX-SVG's USB port, and select setup writing with the function selection switches on the front of the unit.

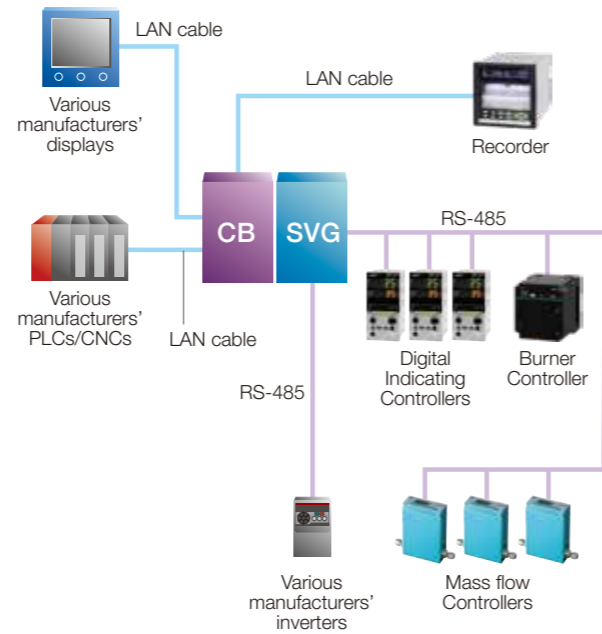


Sample System Configurations

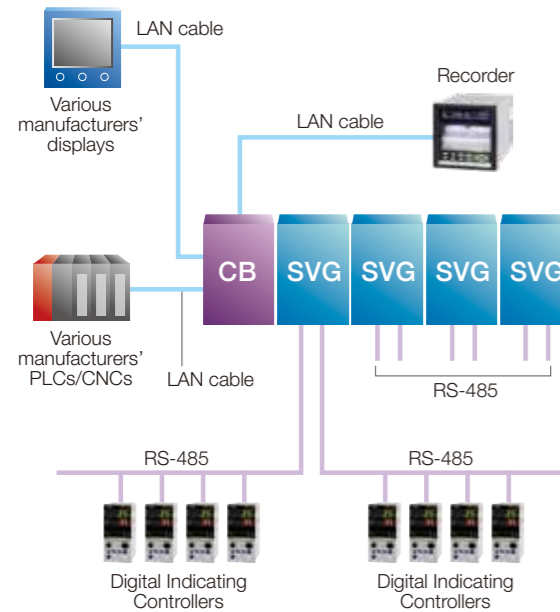
Mixed NX-___ models and RS-485 devices



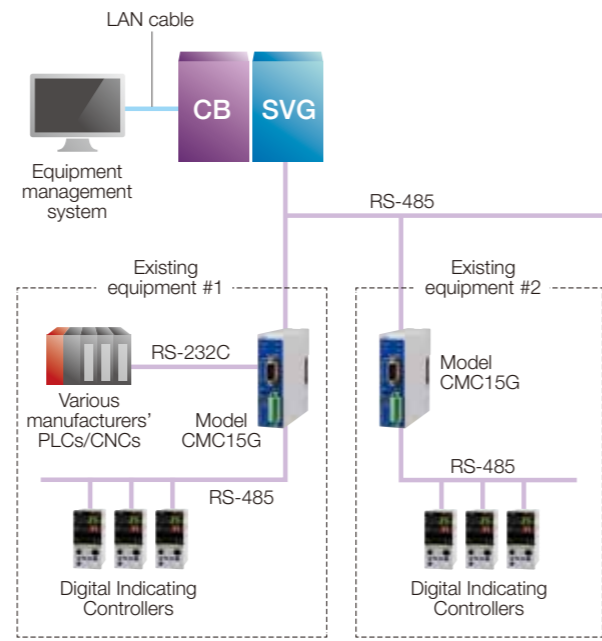
Ethernet-connected RS-485 devices



Use of multiple model NX-SVG units for more COM ports



Device data collection by existing model CMC15G units



SVG Network Instrumentation Module Smart Device Gateway, model NX-SVG

CB Communication Box, model NX-CB2

NX Controller Module (model NX-D_ _), Digital Input Module (model NX-DX_ _), Digital Output Module (model NX-DY_ _), Supervisor Module (model NX-S_ _)

Basic specifications of the Network Instrumentation Module Smart Device Gateway model NX-SVG

Interface

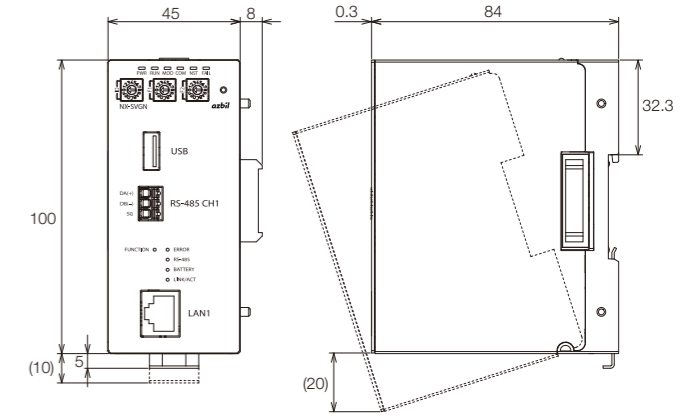


Functional specifications

| Item | Specifications |
|-------------------------------------|--|
| Communication protocol | <ul style="list-style-type: none"> Ethernet communication <ul style="list-style-type: none"> Azbil CPL/TCP master SLMP master (MC protocol/3E frame) Yokogawa Electric FA-M3 PC link master Omron FINS TCP/UDP master JTEKT TOYOPUC computer link master Siemens AG S7 communication master Modbus/TCP master Modbus/TCP server RS-485 communication <ul style="list-style-type: none"> Azbil CPL master Modbus/RTU master |
| No. of connected devices | <ul style="list-style-type: none"> Master communication (Ethernet) <ul style="list-style-type: none"> LAN 1: 100 devices max.; LAN 2: 100 devices max. LAN 1 + LAN 2: 128 devices max. Master communication (RS-485) <ul style="list-style-type: none"> Channel 1: 31 devices max.; channel 2: 31 devices max.; CH1 + CH2: 62 devices max. Server communication (Ethernet) <ul style="list-style-type: none"> Modbus/TCP server: 8 connections max. |
| Cyclic transmission | <ul style="list-style-type: none"> No. of configuration sheets: 500 max. No. of lines processed per sheet: 500 max. No. of lines processed for all sheets: 10,000 max. Transmission cycle: 100 ms to 60 s |
| Triggered transmission | <ul style="list-style-type: none"> Trigger conditions (OFF-ON or ON-OFF) No. of configuration sheets: 500 max. No. of lines processed per sheet: 500 max. No. of lines processed for all sheets: 10,000 max. |
| Bit setting | <ul style="list-style-type: none"> No. of configuration sheets: 500 max. No. of lines processed per sheet: 500 max. No. of lines processed for all sheets: 1000 max. Trigger monitoring cycle: 100 ms to 1 s |
| Model NX-D_ _ and NX-S_ _ functions | Automatic IP address assignment, parameter backup, and parameter restoration |

External dimensions

Unit: mm



General specifications

| Item | Specifications |
|----------------------------|---|
| Operating conditions, etc. | <ul style="list-style-type: none"> Ambient temperature: 0-50 °C Allowable operating voltage: 21.6-26.4 V DC Mounting method: DIN rail Weight: 300 g or less |
| LAN specifications | <ul style="list-style-type: none"> No. of ports: 2 (LAN 1 and LAN 2) Communication path type: IEEE 802.3, 10BASE-T/100BASE-TX Connector: RJ-45 Cable: 100BASE-TX |
| RS-485 specifications | <ul style="list-style-type: none"> No. of ports: 2 (RS-485 channels 1 and 2) Maximum cable length: 500 m No. of wires: 3 Terminating resistor: External (150 Ω, 1/2 W min.) Transmission speeds: 4800, 9600, 19200, 38400, 57600, or 115200 bps Data length: 7 or 8 bits Stop bits: 1 or 2 Parity bit: Even, odd, or none |

System requirements for Smart Loader Package (model SLP-SVG)

| Item | Specifications |
|-----------------|--|
| OS | Windows 7 (32- or 64-bit) Windows 8/8.1 (32- or 64-bit) Windows 10 (32- or 64-bit) |
| Language | Japanese, English |
| CPU | 800 MHz or more |
| Memory | 512 MB RAM or more |
| Hard disk space | 128 MB of space or more |
| Display | Super VGA (800x600) or higher resolution |
| CD-ROM drive | Required for installation from the CD supplied with the product |
| Keyboard | Required |
| Mouse | Required |
| LAN port | Required for connection to the main unit |

Azbil Corporation devices

| Product category | Series type | Model No. | Ethernet | RS-485 |
|--------------------------------|--|--|----------|--------|
| Network Instrumentation Module | 4- or 2-channel digital controller | NX-D15/NX-D25/NX-D35 | ○ | ○ |
| | 16 DIs, 16 pulse inputs | NX-DX1/NX-DX2 | ○ | ○ |
| | 16 DOs (SSR output) | NX-DY1/NX-DY2 | ○ | ○ |
| | Supervisor module | NX-S01/NX-S11/NX-S12/NX-S21 | ○ | ○ |
| Digital controller | Multi-loop Controller with Multifunction Display | C7G | ○ | ○ |
| | Digital Indicating Controller | C15/C25/C26/C35/C36/C45/C46 | --- | ○ |
| | Distributed Multi-channel Controller | DMC10 | --- | ○ |
| | Programmable Controller | DCP31/DCP32/DCP551/DCP552 | --- | ○ |
| Power controller | Single-phase Power Controller | PU21_ | --- | ○ |
| | Three-phase Power Controller | PU23_ | --- | ○ |
| Mass flow controller | Digital Mass Flow Controller | MQV_ _ _ _ /F4Q_ _ _ _ | --- | ○ |
| | Compact Digital Mass Flow Controller | F4H | --- | ○ |
| | Panel-mount Mass Flow Controller | MPC_ _ _ _ | --- | ○ |
| Mass flowmeter | High-flow Mass Flowmeter | CML_ _ _ /CMF_ _ _ | --- | ○ |
| | Gas Mass Flowmeter | CMS_ _ _ /CMF_ _ _ | --- | ○ |
| | Micro Flow Vortex Gas Flowmeter | MVF_ _ _ | --- | ○ |
| Combustion safety equipment | Burner Interlock Module | RX-L90 | ○ | --- |
| | | RX-L80 | --- | ○ |
| | Burner Controller for Batch Operation | BC-R15/BC-R25/BC-R35/AUR255 | --- | ○ |
| | Dynamic Self-Checking Burner Controller | AUR450C/AUR455 | --- | ○ |
| | Advanced Ultraviolet Burner Controller | AUR350C | --- | ○ |
| Recorder | Paperless Recorder | ARF100/ARF200 (connectable to network modules) | ○ | --- |
| | Hybrid Recorder | SR100/SR200 | ○ | ○ |
| Communication converter | Communication Controller | CMC15G | --- | ○ |

PLC

| Manufacturer | Series | CPU unit model No. | Ethernet | | RS-485 | |
|---------------------------------|-------------------------------|---|-------------------|-------------------------------------|-------------------|---------------------|
| | | | CPU Ethernet port | Optional Ethernet unit | CPU Internal port | Optional unit |
| Mitsubishi Electric Corporation | MELSEC iQ-R | R00CPU/R01CPU/R02CPU/R04CPU/R08CPU/R16CPU/R32CPU/R120CPU/R04EN/R08EN/R16EN/R32EN/R120EN/R08PCPU/R16PCPU/R32PCPU/R120PCPU/R08PSFCPU-SET/R16PSFCPU-SET/R32PSFCPU-SET/R120PSFCPU-SET | ○ | RJ71EN71 | --- | --- |
| | MELSEC Q | Q00CPU/Q00JCPU/Q01CPU/Q02CPU/Q02H/Q06H/Q12H/Q25H/Q01U/Q02U/Q03UD/Q04UDH/Q06UDH/Q10UDH/Q13UDH/Q20UDH/Q26UDH | --- | QJ71E71-100 QJ71MT91 | --- | QJ71MB91 |
| | | Q03UDE/Q04UDEH/Q06UDEH/Q10UDEH/Q13UDEH/Q20UDEH/Q26UDEH/Q50UDEH/Q100UDEH/Q03UDV/Q04UDV/Q06UDV/Q13UDV/Q26UDV | ○ | QJ71E71-100 QJ71MT91 | --- | QJ71MB91 |
| | MELSEC L | L02CPU/L02CPU-P/L06CPU/L06CPU-P/L26CPU/L26CPU-P/L26CPU-BT/L26CPU-PBT | ○ | LJ71E71-100 | --- | --- |
| | | L02SCPU/L02SCPU-P | --- | LJ71E71-100 | --- | --- |
| | MELSEC iQ-F | FX5U/FX5UC | ○ | --- | --- | --- |
| MELSEC F | FX3U/FX3UC/FX3G/FX3GC/FX3S | --- | --- | --- | FX3U-485ADP-MB | |
| Keyence Corporation | KV building block type | KV-7500/KV-8000 | ○ | KV-EP21V KV-LE21V KV-XLE02 | --- | KV-XL402 KV-L21V |
| | | KV-7300 | --- | KV-EP21V KV-LE21V KV-XLE02 | --- | KV-XL402 KV-L21V |
| | | KV-5500/KV-5000 | ○ | KV-EP21V KV-LE21V | --- | KV-L21V |
| | | KV-3000 | --- | KV-LE21V | --- | KV-L21V |
| | KV package type | KV-NANO | --- | KV-NC1EP | --- | KV-N11L KV-NC20L |
| Yokogawa Electric Corporation | FA-M3 FA-M3V | F3SP25-2N/F3SP28-3N/F3SP35-5N/F3SP38-6N/F3SP53-4H/F3SP58-6H | --- | F3LE11-0T | --- | --- |
| | | F3SP08-0P/F3SP21-0N/F3SP22-0S/F3SP28-*S/F3SP38-6S/F3SP53-4S/F3SP58-6S/F3SP59-7S | --- | F3LE01-1T F3LE11-1T F3LE12-1T | --- | --- |
| | | F3SP66-4S/F3SP67-6S/F3SP71-4N/F3SP76-7N/F3SP71-4S/F3SP76-7S | ○ | F3LE01-1T F3LE11-1T F3LE12-1T | --- | --- |
| | STARDOM autonomous controller | FCN-500/FCN-RTU Modbus communication portfolio | ○ | --- | --- | NFLR121 |

| Manufacturer | Series | CPU unit model No. | Ethernet | | RS-485 | | |
|--|--------------------|--|---|--------------------------|--|--|--|
| | | | CPU Ethernet port | Optional Ethernet unit | CPU Internal port | Optional unit | |
| JTEKT Corporation | TOYOPUC-NANO | CPU(TUC-6941) | ○ | TUU-6949 | ○ | TUU-6954 | |
| | TOYOPUC-PC10G | PC10G-CPU(TCC6353) | ○ | THU-6404 | --- | TCU-6903 | |
| | | PC10GE-CPU(TCC6464) | ○ | --- | --- | --- | |
| | TOYOPUC-PC10P | PC10P(TCC-6372) | ○ | --- | --- | --- | |
| | | PC10P-DP(TCC-6726) PC10P-DP-IO(TCC-6752) | ○ | --- | --- | --- | |
| | TOYOPUC PC3J | PC3JX(TCC-6901) PC3JX-D(TCC-6902) | --- | --- | ○ | --- | |
| TOYOPUC Plus | Plus CPU(TCC-6740) | ○ | Plus EFR Plus EFR2 Plus EX Plus EX2 Plus 2P-EFR | --- | Plus EX Plus EX2 Plus 2P-EFR Plus PN2-EX | | |
| Siemens AG | S7-200 smart | CR40/CR60 SR20/SR30/SR40/SR60 ST20/ST30/ST40/ST60 | ○ | --- | --- | --- | |
| | S7-200 | CPU222 CPU224/CPU224 XP/CPU226 | --- | CP243-1IT CP243-1 | --- | --- | |
| | S7-300 | CPU312IFM/CPU313/CPU314/CPU314IFM CPU315/CPU315-2DP/CPU316/CPU316-2DP CPU318-2/CPU315-2PNDP/CPU317-2PNDP CPU319-3PNDP | --- | CP343-1IT CP343-1 | --- | --- | |
| | S7-300 | CPU315-2PNDP/CPU317-2PNDP CPU319-3PNDP | ○ | CP343-1IT CP343-1 | --- | --- | |
| | S7-400 | CPU412-1/CPU412-2DP/CPU413-1 CPU413-2DP/CPU414-1/CPU414-2DP CPU414-3DP/CPU416-1/CPU416-2DP CPU416-3DP/CPU417-4/CPU414-3PNDP CPU416-3PNDP | --- | CP443-1IT CP443-1 | --- | --- | |
| | | CPU414-3PNDP/CPU416-3PNDP | ○ | CP443-1IT CP443-1 | --- | --- | |
| | S7-1200 | CPU1211C/CPU1212C/CPU1214C | ○ | --- | --- | CM 1241 RS-422/485 CB 1241 RS-485 | |
| | S7-1500 | CPU1511-1PN/CPU1513-1PN/CPU1515-2PN CPU1516-3PNDP/CPU1518-4PNDP CPU1516F-3PNDP/CPU1518F-4PNDP | ○ | --- | --- | CM PIP RS-422/485 HF | |
| | Omron Corporation | SYSMAC CS | CS1G/CS1H | --- | CS1W-ETN21 CS1W-EIP21 | --- | CS1WSCB41-V1 CS1WSCU31-V1 |
| | | SYSMAC CJ1 | CJ1G/CJ1M/CJ1H | --- | CJ1W-ETN21 CJ1W-EIP21 | --- | CJ1W-SCU32 CJ1W-SCU42 CJ1W-SCU31-V1 CJ1W-SCU41-V1 |
| ○ | | | | CJ1W-ETN21 CJ1W-EIP21 | --- | CJ1W-SCU32 CJ1W-SCU42 CJ1W-SCU31-V1 CJ1W-SCU41-V1 | |
| SYSMAC CJ2 | | CJ2H-CPU6□-EIP/CJ2M-CPU3□1 | --- | CJ1W-ETN21 CJ1W-EIP21 | --- | CJ1W-SCU32 CJ1W-SCU42 CJ1W-SCU31-V1 CJ1W-SCU41-V1 | |
| | | | --- | CJ1W-ETN21 CJ1W-EIP21 | --- | CJ1W-SCU32 CJ1W-SCU42 CJ1W-SCU31-V1 CJ1W-SCU41-V1 | |
| SYSMAC CP1 | CP1H | --- | CJ1W-ETN21 CJ1W-EIP21 | --- | CJ1W-SCU32 CJ1W-SCU42 CJ1W-SCU31-V1 CJ1W-SCU41-V1 | | |
| Yaskawa Electric Corporation | MP3000 | MP3200/MP3300 | ○ | 218IF-01 218IF-02 | --- | 217IF | |
| | | MP2000 | MP2200/MP2300S/MP2310/MP2400 | ○ | 218IF-01 218IF-02 | --- | 217IF |
| | | | MP2300 | --- | 218IF-01 218IF-02 | --- | 217IF |
| | | MP2310 | ○ | 218IF-01 218IF-02 | --- | 217IF | |
| Panasonic Corporation | FP7 | AFP7CPS41E/AFP7CPS31E AFP7CPS41ES/AFP7CPS31ES | ○ | --- | --- | AFP7CCM1 AFP7CCM2 AFP7CCS1M1 | |
| | | AFP7CPS21/AFP7CPS31/AFP7CPS31S | --- | --- | --- | AFP7CCM1 AFP7CCM2 AFP7CCS1M1 | |
| Hitachi Industrial Equipment Systems Co., Ltd. | HX | HX-CP1S08/HX-CP1S08M | ○ | --- | --- | EH-SIO | |
| | EHV | HX-CP1H16/HX-CP1H16M/HXC-CP1H16 | ○ | --- | ○ | EH-SIO | |
| | EHV+ | EHV-CPU16/EHV-CPU32/EHV-CPU64 EHV-CPU128 | ○ | --- | --- | EH-SIO | |
| | EHV+ | EHV-CPU1025/EHV-CPU1102 | ○ | --- | --- | EH-SIO | |

