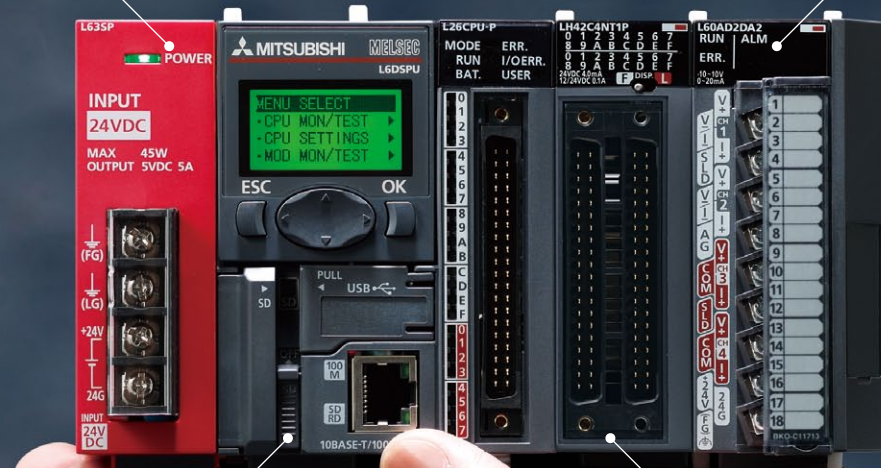


NEW PRODUCTS DIGEST

Compact space and low cost
Powerful lineup of space-saving modules!

Slim type power supply

Analog I/O module



Source type CPU

I/O combined module

MELSEC *L* series

Source type CPU **NEW**

L02SCPU-P, L06CPU-P, L26CPU-P
Powerful lineup of CPUs

Slim type power supply **NEW**

L63SP
Approx. two-thirds the size of a normal power supply

I/O Combined module (Sink type / Source type) **NEW**

LH42C4NT1P, LH42C4PT1P
Combination of input and output
into one convenient module

Analog I/O module **NEW**

L60AD2DA2
Combining "2 analog input channels" and
"2 analog output channels" into one module

Ethernet interface module **Upgrade**

LJ71E71-100
Easily connect to Ethernet devices

SSCNET III/H compliant simple motion module **NEW**

LD77MS16, LD77MS4, LD77MS2
Perform various control just like a positioning module

Complete line up from source type CPU to space-saving

Powerful lineup of CPUs

Extensive lineup of source type CPUs

NEW

**Introducing three source type CPUs
(CPU built-in I/O universal output function)!**



L02SCPU-P

L06CPU-P

L26CPU-P

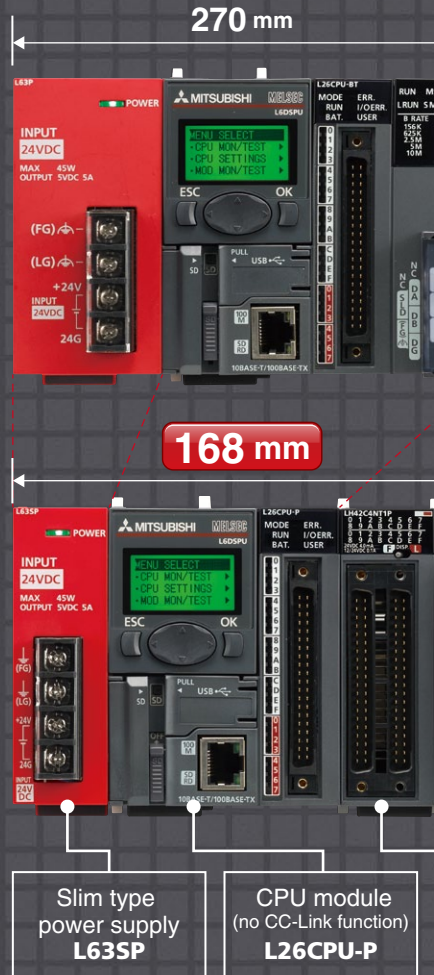
Product	Model	Number of I/O points	Program capacity	Basic operation processing speed	Peripheral connection ports	Built-in CC-Link master/local station function	
CPU	General output (Sink type)	L02SCPU	1024 points	20k steps	60ns	USB RS-232	—
		L02CPU	1024 points	20k steps	40ns	USB Ethernet	—
		L06CPU	4096 points	60k steps	9.5ns	USB Ethernet	—
		L26CPU	4096 points	260k steps	9.5ns	USB Ethernet	—
		L26CPU-BT	4096 points	260k steps	9.5ns	USB Ethernet	CC-Link
	General output (Source type)	L02SCPU-P NEW	1024 points	20k steps	60ns	USB RS-232	—
		L02CPU-P	1024 points	20k steps	40ns	USB Ethernet	—
		L06CPU-P NEW	4096 points	60k steps	9.5ns	USB Ethernet	—
		L26CPU-P NEW	4096 points	260k steps	9.5ns	USB Ethernet	—
		L26CPU-PBT	4096 points	260k steps	9.5ns	USB Ethernet	CC-Link

Wide selection of packaged products



Product	Model	Number of I/O points	Program capacity	Basic operation processing speed	Peripheral connection ports	Built-in CC-Link master/local station function	
CPU packages	L02CPU-SET	CPU module (L02CPU), Display unit (L6DSPU), and Power supply module (L61P) set					—
	L06CPU-SET	CPU module (L06CPU), Display unit (L6DSPU), and Power supply module (L61P) set					—
	L06CPU-P-SET NEW	CPU module (L06CPU-P), Display unit (L6DSPU), and Power supply module (L61P) set					—
	L26CPU-SET	CPU module (L26CPU), Display unit (L6DSPU), and Power supply module (L61P) set					—
	L26CPU-P-SET NEW	CPU module (L26CPU-P), Display unit (L6DSPU), and Power supply module (L61P) set					—
	L26CPU-BT-SET	CPU module (L26CPU-BT), Display unit (L6DSPU), and Power supply module (L61P) set					—
	L26CPU-PBT-SET	CPU module (L26CPU-PBT), Display unit (L6DSPU), and Power supply module (L61P) set					—

Comparison of system footprint sizes



Combining "2 analog input

Analog I/O module



L60AD2DA2

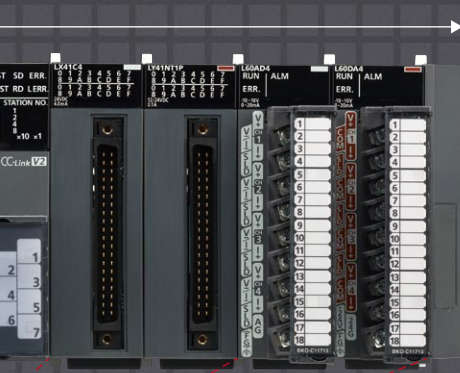
[Analog input specifications]

- Number of inputs: **2 points(ch)**
- Conversion speed: **20μs/ch**
- Scaling function

[Analog output specifications]

- Number of outputs: **2 points(ch)**
- Conversion speed: **80μs/ch**
- Scaling function
- Wave Output Function

modules



Entire system is 40% smaller!


* The size may differ according to module specifications and functions. Refer to each product manual for details.

- I/O combined module **LH42C4NT1P**
- Analog I/O module **L60AD2DA2**

Approx. two-thirds the size of a normal power supply

Slim type power supply

NEW



Input **24VDC**

Output **5VDC, 5A**

Slim type

Non-insulated

Perfect for saving space with control panel!

L63P : 45 mm wide

↓

Approx. **35% smaller**

L63SP : **29** mm wide


L63SP

Combination of input and output into one convenient module


I/O combined module (Sink type / Source type)

NEW

Available in sink output type or source output type



[Sink Type]
LH42C4NT1P




[Source Type]
LH42C4PT1P


[Input specifications]	
Number of inputs 32 points	Rated input voltage 24VDC
Positive/Negative common	Response time 1 to 70ms or less
[Output specifications]	
Number of outputs 32 points	Rated input voltage 24 to 12VDC
Response time 1ms or less	Protection Function

channels" and "2 analog output channels" into one module

In the past ...



[Analog input]
L60AD4




[Analog output]
L60DA4



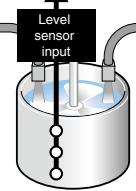

Cost of 2 separate modules required

Laborious settings with twice the space

From now on ...



L60AD2DA2

A single module costs less than half the price of two modules.

The L60AD2DA2 number of I/O channels, conversion speed and resolution may differ compared to the L60AD4 and L60DA4.

Input voltage -10 to 10VDC	Input current 0 to 20mADC
Resolution 1/12000	Accuracy ±0.2%
Logging function	
output voltage -10 to 10VDC	output current 0 to 20mADC
Resolution 1/12000	Accuracy ±0.2%
Warning output function	Analog output HOLD/CLEAR function

Easily connect to Ethernet devices

Ethernet interface module (Predefined Protocol support function*1)

UPGRADE

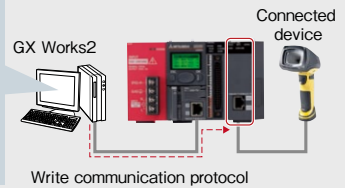
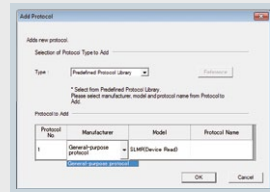


L71E71-100

[Setting the communication protocol]

- **Selecting from the communication protocol library**
Easily communicate with target devices by selecting a prepared protocol. The communication protocol library supports the SLMP, MODBUS®/TCP and BACnet™ client functions.
- **Randomly preparing and editing a protocol**
By creating a random protocol with the communication protocol support tool, data can be exchanged with a protocol that matches the target device.

Use the GX Works2 Predefined Protocol support function to easily set the required protocol for communicating with other devices.



*1: Use the function version A with the first 5 digits of serial No. later than 15042

Perform various control just like a positioning module

SSCNET III/H compliant simple motion module

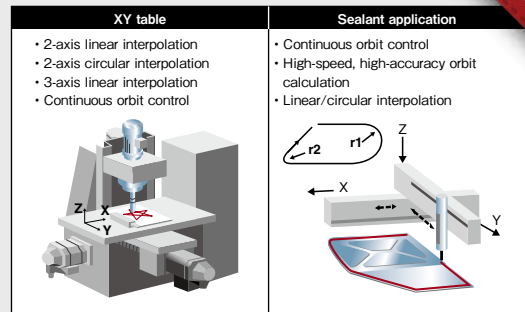
NEW



SSCNET III/H compliant simple motion module

[Positioning control]

- Support for a multitude of applications thanks to a wide variety of control formats including linear interpolation control (up to 4 axes), 2-axis circular interpolation control, fixed feed control and continuous orbit control.
- Use a sequence program to set the positioning address, speed, etc. for easy automatic operation.
- Quickly implement powerful auxiliary functions such as step operation, target position change, M codes, and the skip function.



[Up to 16 axis control]

LD77MS16

[Up to 4 axis control]

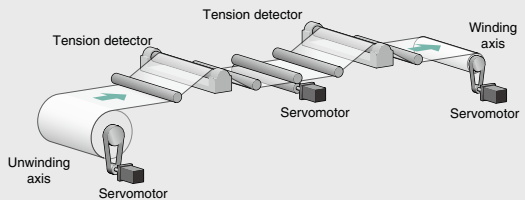
LD77MS4

[Up to 2 axis control]

LD77MS2

[Speed control and torque control]

- Tension control applications such as winding and unwinding are supported.
- Switch from positioning control, to speed and torque control, and back to positioning control. Because the present location is tracked even in speed and torque control mode, it is possible to maintain the current absolute position when returning to positioning control.

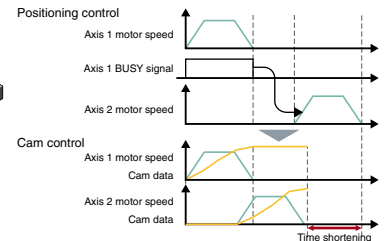
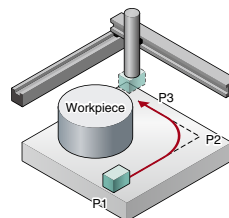


[Cam control]

- Cam control may be used alone or combined with synchronous control.

Example application for cam control:

To create a movement path around a workpiece using positioning control, axis 2 waits for axis 1 to complete the move from P1 to P2 before it begins moving from P2 to P3. By using cam control, axis 2 does not need to wait for axis 1 to complete its movement and the in position time can be shortened.



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For safe use

• To use the products given in this publication properly, always read the relevant manuals before use.

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