Automation

AS series - I/O modules and accessories

type	supply	analog		description	
		Inputs	Output		

Analog I/O modules (W) 35 mm

- Single channel on/off setting to enhance overall conversion efficiency
- Wire break detection at 1 - 5V and 4 - 20mA
- **Voltage:** 1 - 5V, 0 - 5V, ±5V, 0 - 10V, ±10V   **Current:** 4 - 20mA, 0 - 20mA, ±20mA

Input module (analog)

- Hardware resolution: 16-bit   (AI)   (AO)

AS04AD-A	24 VDC	4	–	voltage and current input	
AS08AD-B	24 VDC	8	–	voltage input	
AS08AD-C	24 VDC	8	–	current input	

Output module (analog)

- Hardware resolution: 12-bit

AS04DA-A	24 VDC	–	4	voltage and current output	

Mixed I/O modules (analog)

- Hardware resolution: 16-bit (input) / 12-bit (output)

AS06XA-A	24 VDC	4	2	voltage and current Input/Output	

Communication modules

Comm. extension module   *accepts comm. and/or analog function cards*   (W) 56 mm

AS00SCM-A	24 VDC	function card module for CPU / remote I/O interface	

Communication function cards (isolated)

- Plugs directly into **AS300** main CPU or **AS00SCM-A** module

AS-F232	RS-232	serial COM, RS-232 interface for CPU or AS00SCM-A	
AS-F422	RS-422	serial COM, RS-422 interface for CPU or AS00SCM-A	
AS-F485	RS-485	serial COM, RS-485 interface for CPU or AS00SCM-A	
AS-FCOPM*	CANopen	CANopen port, support DS301, for CPU or AS00SCM-A	
AS-FEN02*	Ethernet	MODBUS TCP, EtherNet/IP adaptor CPU modules	

Analog I/O Function cards   *plugs directly into main AS300 CPU or AS00SCM-A module*

AS-F2AD	24 VDC	2	–	0 - 10V (12-bit), 4 - 20mA *(11-bit)*
AS-F2DA	24 VDC	–	2	0 - 10V, 4 - 20mA *(12-bit)*

DeviceNet communication module (W) 35 mm

AS01DNET-A*	DeviceNet	supports master / slave modes, supports RTU function	

* *Can be used as remote I/O modules*

Temperature measurement modules   *resolution: 0.1°C*   (W) 35 mm

Pt, Ni temperature sensor   *±0.1% overall accuracy*

- Pt100/1000, Ni100/1000, JPt100, LG-Ni1000, Cu50/100, resistor 0~300/3000Ω

AS04RTD-A	24 VDC	4 CH	PT, NI temperature sensor module
AS06RTD-A	24 VDC	6 CH	PT, NI temperature sensor module

Thermocouple temperature sensor   *±0.5% overall accuracy*

- Thermocouple - J, K, R, S, T, E, N, B; ±100mV

AS04TC-A	24 VDC	4 CH	thermocouple temperature sensor module
AS08TC-A	24 VDC	8 CH	thermocouple temperature sensor module

Load cell module   *selectable signal input ranges*   (W) 35 mm

- Resolution: 24-bit for hardware (ADC), 32-bit for data output
- High speed dynamic measurement

AS02LC-A	24 VDC	2 CH	16bit load cell module *(for 4 /6 wire load cell sensors)*

AS04AD-A

AS-FEN02

AS08TC-A

AS02LC-A