



AH16AM30N-5A



AH32AN02T-5C



AH16AP11R-5A



AH04PT-5A

**AH500 series - Digital I/O modules**

*supports hot-swapping function*

type	points		signals	terminal type	description
	In	Out			

**Input modules**

- PNP/NPN mixed mode design
- Individual LED status indicator

<b>AH16AM10N-5A</b>	16	–	24 VDC 5mA	JIS removable	digital input module
<b>AH16AM30N-5A</b>	16	–	120 - 240 VAC	JIS removable	digital input module
<b>AH16AR10N-5A</b>	16	–	24 VDC 5mA	JIS removable	interruption card
<b>AH32AM10N-5C*</b>	32	–	24 VDC 5mA	MIL terminal	digital input module
<b>AH64AM10N-5C*</b>	64	–	24 VDC 3.2mA	MIL terminal	digital input module

**Output modules**

- Supports keep-last-value function when CPU shuts down
- Individual LED status indicator

<b>AH16AN01R-5A</b>	–	16	Relay 2A	JIS removable	digital output module
<b>AH16AN01T-5A</b>	–	16	NPN ( <i>Sink</i> )	JIS removable	digital output module
<b>AH16AN01P-5A</b>	–	16	PNP ( <i>Source</i> )	JIS removable	digital output module
<b>AH16AN01S-5A</b>	–	16	TRIAC	JIS removable	digital output module
<b>AH32AN02T-5C*</b>	–	32	NPN ( <i>Sink</i> )	MIL terminal	digital output module
<b>AH32AN02P-5C*</b>	–	32	PNP ( <i>Source</i> )	MIL terminal	digital output module
<b>AH64AN02T-5C*</b>	–	64	NPN ( <i>Sink</i> )	MIL terminal	digital output module
<b>AH64AN02P-5C*</b>	–	64	PNP ( <i>Source</i> )	MIL terminal	digital output module

**Mixed Input/Output**

- PNP/NPN mixed mode design
- Supports keep-last-value function when CPU shuts down
- Individual LED status indicator

<b>AH16AP11R-5A</b>	8	8	Relay 2A	JIS removable	digital I/O module
<b>AH16AP11T-5A</b>	8	8	NPN ( <i>Sink</i> )	JIS removable	digital I/O module
<b>AH16AP11P-5A</b>	8	8	PNP ( <i>Source</i> )	JIS removable	digital I/O module

\* Pin head termination. For other cable types and lengths, see C-14

**Analog I/O modules**

*supports hot-swapping function*

- Conversion time: 150  $\mu$ s/channel
- Diagnose function
- Module status LED display
- Isolated signal design
- Supports interrupt function

**Analog input modules**

*Hardware resolution: 16-bit*

- Accuracy (at 25°C)
- Voltage mode:  $\pm 0.02\%$  (*full scale*)
- Current mode:  $\pm 0.05\%$  (*full scale*)

<b>AH04AD-5A</b>	4	–	0/1-5V, 0-10V, 0/4-20mA	JIS removable	analog input module
<b>AH08AD-5B</b>	8	–	0/1-5V, 0-10V	JIS removable	analog input module
<b>AH08AD-5C</b>	8	–	0/4-20mA	JIS removable	analog input module

**Analog Output modules**

*Hardware resolution: 16-bit*

- Supports keep-last-value function when CPU shuts down
- Accuracy (at 25°C)
- Voltage mode:  $\pm 0.05\%$  (*full scale*)
- Current mode:  $\pm 0.1\%$  (*full scale*)

<b>AH04DA-5A</b>	–	4	0/1-5V, 0-10V, 0/4-20mA	JIS removable	analog output module
<b>AH08DA-5B</b>	–	8	0/1-5V, 0-10V	JIS removable	analog output module
<b>AH08DA-5C</b>	–	8	0/4-20mA	JIS removable	analog output module

**Mixed Analog Input/Output**

*Hardware resolution: 16-bit*

<b>AH06XA-5A</b>	4	2	0/1-5V, 0-10V, 0/4-20mA	JIS removable	analog I/O module
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**Temperature measurement modules**

*Hardware resolution: 20-bit*

- Accuracy:  $\pm 0.06\%$  (*full scale*)
- Diagnose function
- Module status LED display
- Signal isolated design
- PID function
- Supports disconnection detect function

**2/3/4-wire RTD input**

<b>AH04PT-5A</b>	4	–	PT100/1000, Ni100/1000, 0-300 $\Omega$	JIS removable	temperature module
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**Thermocouple**

<b>AH04TC-5A</b>	4	–	J,K,R,S,T,E,N	JIS removable	temperature module
<b>AH08TC-5A</b>	8	–	J,K,R,S,T,E,N	JIS removable	temperature module