



new



AS228R-A



AS08AM10N-A



AS64AN02T-A

**The AS series - Compact modular mid-range PLC**

The **AS series** is a high performance multi-purpose controller designed for all types of automated equipment. Featuring Delta's self-developed 32-bit SoC CPUs for enhanced execution speed (40k steps/ms) supporting up to 32 extension modules or up to 1.024 Inputs/Outputs. Providing accurate positioning control for up to 8 axes via CANopen motion network and 6 axes via pulse control (200kHz). Widely used in diverse automated equipment, electronics manufacturing, labelling, food packaging, and textile machines.

- 32-bit CPU for high-speed processing
- Max. execution speed of basic instructions: 25 ns
- Built-in mini USB, micro SD slot RS-232 / 2x RS-485 com ports (*Master/Slave*), Ethernet IP (*Adaptor and scanner*)
- Rackless design (no-backplane) direct DIN rail mounting, patented DIN rail clips for fast vertical module installation
- Compact dimensions (H) 88 mm x (D) 95 mm

type	supply	digital		analog		description	output type
		Inputs	Output	Inputs	Output		

**AS200 series - CPU (64k steps / 60k words) (H) 88 x (W) 88 x (D) 95 mm**

- Program capacity: 64k steps
- Data register: 60k words
- Communication: USB, Ethernet, 2 x RS-485, CANopen
- Plug-in, screwless (*push-in*) terminals for ease of wiring and maintenance

<b>AS228R-A</b>	24 VDC	16	12	–	–	AS200 CPU module	relay
<b>AS228T-A</b>	24 VDC	16	12	–	–	AS200 CPU module	transist(NPN)
<b>AS228P-A</b>	24 VDC	16	12	–	–	AS200 CPU module	transist (PNP)
<b>AS218TX-A</b>	24 VDC	8	6	2	2	AS200 CPU module	transist (NPN)
<b>AS218RX-A</b>	24 VDC	8	6	2	2	AS200 CPU module	relay
<b>AS218PX-A</b>	24 VDC	8	6	2	2	AS200 CPU module	transist (PNP)

**AS300 series - CPU (128k steps / 60k words) (H) 88 x (W) 80 x (D) 95 mm**

- Program capacity: 128k steps / Data register: 60k words
- Communication: USB, Ethernet, 2 x RS-485, (*accepts 2 x AS-F function cards*)
- 2 x Incorporated slots accepting AS-F communication and/or analog function cards
- Plug-in, screwless (*push-in*) terminals for ease of wiring and maintenance

<b>AS300N-A</b>	24 VDC	–	–	–	–	AS300 CPU module	–
<b>AS320T-B</b>	24 VDC	8	12	–	–	AS300 CPU module	transist (NPN)
<b>AS320P-B</b>	24 VDC	8	12	–	–	AS300 CPU module	transist (PNP)
<b>AS332T-A*</b>	24 VDC	16	16	–	–	AS300 CPU module	transist (NPN)
<b>AS332P-A*</b>	24 VDC	16	16	–	–	AS300 CPU module	transist (PNP)
<b>AS324MT-A❖</b>	24 VDC	12	12	–	–	AS300 CPU module	differential type

❖ 2 axes 4MHz + 4 axes 200kHz output / 2 channels 4MHz + 4 channels 200kHz input

**Power supply modules (Clips onto left side of CPU)**

<b>AS-PS02</b>	100 - 240 VAC	24 VDC		2A for internal bus	power supply
<b>AS-PS02A</b>	100 - 240 VAC	24 VDC	1.5A internal bus	0.5A for external I/O	power supply
<b>AS-ATXB*</b>	–	24 VDC	to supply via bottom entry ( <i>side mount</i> )		power adaptor

\* Used with external power supplies for PLC racks which require more than 2A.

**Digital I/O modules - for AS series PLC's**

**Input modules**

- Plug-in, screwless (*push-in*) terminals (32 and 64 I/O modules high density MIL connector)

		(DI)	(DO)		
<b>AS08AM10N-A</b>	24 VDC	8	–	digital input module (DI)	–
<b>AS16AM10N-A</b>	24 VDC	16	–	digital input module (DI)	–
<b>AS32AM10N-A*</b>	24 VDC	32	–	digital input module (DI)	–
<b>AS64AM10N-A*</b>	24 VDC	64	–	digital input module (DI)	–

**Output modules**

<b>AS08AN01R-A</b>	24 VDC	–	8	digital output module (DO)	relay
<b>AS08AN01T-A</b>	24 VDC	–	8	digital output module (DO)	transist (NPN)
<b>AS08AN01P-A</b>	24 VDC	–	8	digital output module (DO)	transist (PNP)
<b>AS16AN01R-A</b>	24 VDC	–	16	digital output module (DO)	relay
<b>AS16AN01T-A</b>	24 VDC	–	16	digital output module (DO)	transistor (NPN)
<b>AS16AN01P-A</b>	24 VDC	–	16	digital output module (DO)	transist (PNP)
<b>AS32AN02T-A*</b>	24 VDC	–	32	digital output module (DO)	transist (NPN)
<b>AS64AN02T-A*</b>	24 VDC	–	64	digital output module (DO)	transist (NPN)

**Mixed I/O modules**

<b>AS16AP11R-A</b>	24 VDC	8	8	digital input/output mod. (DI/O)	relay
<b>AS16AP11T-A</b>	24 VDC	8	8	digital input/output mod. (DI/O)	transist (NPN)
<b>AS16AP11P-A</b>	24 VDC	8	8	digital input/output mod. (DI/O)	transist (PNP)

\* High density MIL terminal block, see C-15