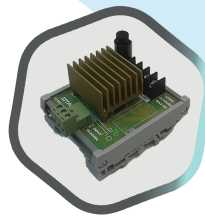


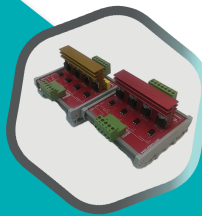
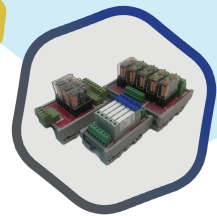


OTAZ

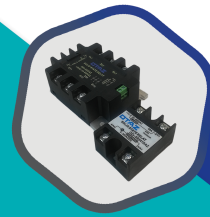


12-90V/5A
DC motor drive
whit PWM (P/dir) control

Relay cards:
1C/O (16A): 2,3,4,5...16ch
2C/O (5A): 4,5...16ch,
1NO (6A): 4,5...50ch

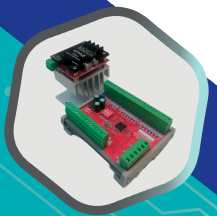


5A DC/AC
switch cards



1p&3p SSR's
phase angle control

Thermoforming
control system



OTAZ

www.otazco.com
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[@otaz.automation](https://www.instagram.com/otaz.automation)

ایران، تبریز
تلفن:

+۹۸ (۴۱) ۳۵۵۱ ۴۹۱۶
+۹۸ (۹۱۴) ۴۰۰ ۷۶۶۲
+۹۸ (۹۱۴) ۷۳۰ ۹۰۲۹

www.otazco.com

ATA2 Standard series PLC



پی ال سی OTAZ سری ATA2 که با فناوری ARM Cortex-M4 طراحی شده است، حاصل بیش از ۱۵ سال تحقیق و تجربه در اجرای پروژه های مختلف اتوماسیون صنعتی با استفاده از انواع برندهای PLC است.

طراحی و ساخت این PLC بر روی پرداختن به مسائل و محدودیت های موجود در سایر برندها به ویژه در بخش نرم افزار، متمرکز شده است که اغلب منجر به پیچیدگی های برنامه نویسی می شود. هدف ما ارائه یک محصول قدرتمند و کاربرپسند در مقایسه با رقیبان خارجی و داخلی می باشد.

ATA2 series main units

Specification		Model	ATA2-S14MT	ATA2-S14MR
Digital input	24VDC	High speed 50KHz	8 points	
		High speed counter HSC	2 channel	
Digital output	Transistor (5-30VDC/1A)	50KHz	6 points	
		High speed pulse output HSPO	3 channel	-
	Relay (2A)	AC/DC	-	6 points
Communication port		Built-in Modbus RTU , ASC II	Port0&3: RS232*2 (DB9F) Port1: RS485*1 (3pin plugin Ter.Block) Port2: RS485*1 (3pin plugin Ter.Block)	
	Calendar		Built-in (optional)	
	Power supply		24VDC ± 10%	
	Wiring mechanism		5.08mm fixed terminal block	
	Dimension (mm) (LxWxH)		70*90*69	
	Weight (gr)		194	198





8 Point digital expansion modules

Specification		Model	ATA2-S8X	ATA2-S8XYT	ATA2-S8XYR	ATA2-S8YT	ATA2-S8YR	
Digital input	24VDC	High speed 50KHz	8 points	4 points	—	—	—	
		High speed counter HSC	2 channel	1 channel	—	—	—	
Digital output	Transistor (5-30VDC/1A)	50KHz	—	4 points	—	8 points	—	
		High speed pulse output HSPO	—	2 channel	—	4 channel	—	
	Relay (2A)	AC/DC	—	—	4 points	—	8 points	
Wiring mechanism			5.08mm fixed terminal block					
Dimension (mm) (LxWxH)			36*90*60					
Weight (gr)			90	92	93	92	94	



16 Point digital expansion modules

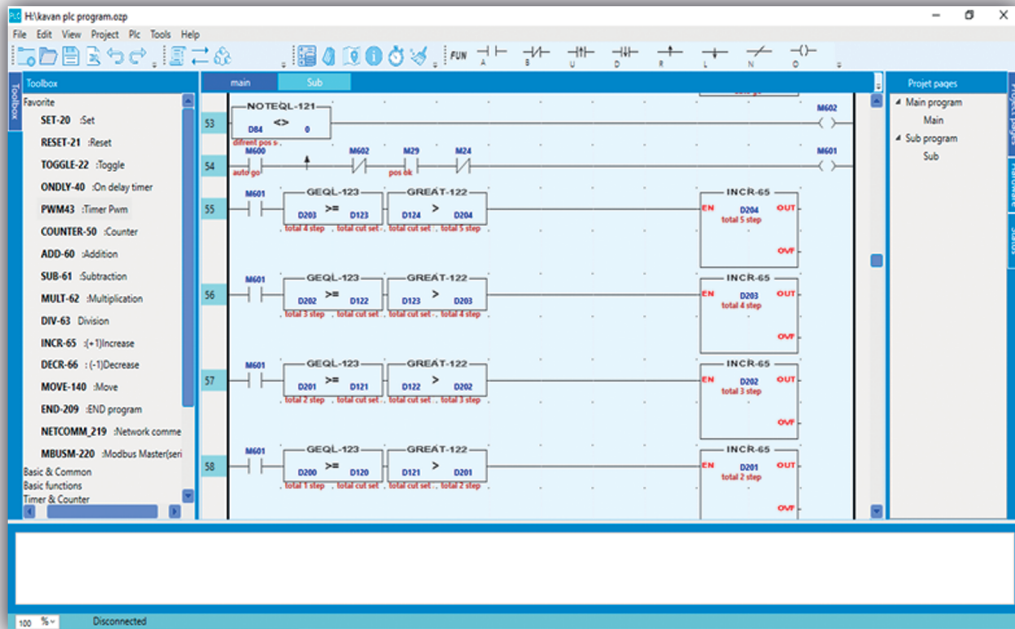
Specification		Model	ATA2-S16X	ATA2-S16XYT	ATA2-S16XYR	ATA2-S16YT	ATA2-S16YR	
Digital input	24VDC	High speed 50KHz	16 points	8 points	—	—	—	
		High speed counter HSC	4 channel	2 channel	—	—	—	
Digital output	Transistor (5-30VDC/1A)	50KHz	—	8 points	—	16 points	—	
		High speed pulse output HSPO	—	2 channel	—	4 channel	—	
	Relay (2A)	AC/DC	—	—	8 points	—	16 points	
Wiring mechanism			5.08mm fixed terminal block					
Dimension (mm) (LxWxH)			70*90*60					
Weight (gr)			90	92	93	92	94	

Technical Specifications

ATA2 series technical data

Specification	Model	ATA2
Executin speed		
Memory	Program (Ladder)	30 KB
	Element comment	64 KB
	Type	Flash (Don't need for battery to save program data)
Maximum digital I/O points	Input contact X	X0-X255 (256)
	Output contact Y	Y0-Y255 (256)
Maximum expansion module	Digital/Analog	32
Maximum analog I/O points	V, mA, TC, RTD, Loadcell	32 * number of analog point on expansion modules
Internal relay (M)	Adjustable	M0-M4095 (4096)
Step relay	System bit	S0-S1023 (1024)
Timer	32bit configurable as retantive or Non-retentive	T0-T511 (512)
	Timer mode	ON DLY , OFF DLY , ON-OFF DLY , PWM
	Rate	0.1ms-1s
High speed timer (HST)	32bit , configurable as retantive or Non-retentive	HST0-HST15 (16)
Counter	32bit , configurable as Non-retentive or retentive	C0-C511 (512)
High speed counter HSC	Built-in (32bit)	CH0-CH63 (64)
	Support via expansions (16bit)	
	Counter mode	UP*2, PLS/DIR*2 , UP/DN*2 , A/B*2
	Counting frequency	50KHz
High speed output HSO (Transistor type only)	Built-in	CH0-CH127 (128)
	Support via expansions	
	Pulse mode	PLS generator , PWM generator (0-1000) , PLS only , PLS/DIR , UP/DN , A/B
	Pulse frequency	50KHz
Register	W0-W8191 (8192)	Integer 16 bit: -32768~32767
	D0-D2047 (2048)	Integer 32 bit: 2147483648_2147483647
	F0-F2047 (2048)	Float: Folat pointer
Interrupt		All digital inputs (Rising&Falling&Both) , HST , HSC , Power off Modbus/Wifi/Ethernet/Can/OTAZ bus ; (Send&Receive)
Serial communication port	Built-in Modbus: RTU , ASCII	Port0&3: 2*RS232 (DB9F) Port1: 1*RS485 (3pin plugin Ter.Block) Port2: 1*RS485 (3pin plugin Ter.Block)
RTC		Yes (White gregorian and solar calender)

PLC Programming Software OTAZ Studio



- Standard Ladder programming language support
 - Simple, user friendly and professional environment
 - dragging invited elements on row and columns
 - Status page (to monitoring the current values of registers and functions)
 - Program online edit
 - Program simulation without hardware
 - Tag definition for PLC internal registers
- Full support of UTF-8 characters
 - Automatic identification connected CPU and its modules in the beginning of communicate with hardware
 - Password on program and hardware
 - CPU and extension modules firmware update