Tehnički Parametri

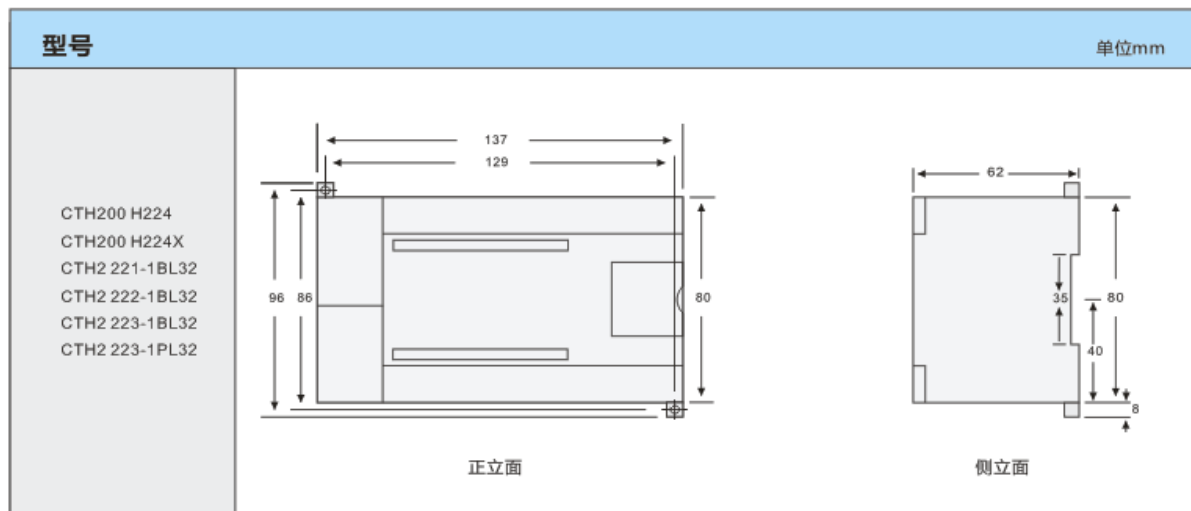| Function Type	Description	
Dimension (W×H×D)	H224/H224X: 137×96×71.3mm	H226L/H226XL: 196.5×96×71.3mm
	H224/H226L	**H224X/H226XL**
Bit instruction processing speed	0.22μs	0.15μs
Float instruction processing speed	12μs	8μs
Program memory	8+4KB	H224X: 12+4KB H226XL: 24+48KB
Data memory	8KB	H224X: 8+100KB H226XL:10+100KB
Power failureprotection	The max.8KB	The max.10+100KB，200 hours
Ways to powerfailure protection	FlashROM	Supercapacitor+Battery
Digital I/O	128DI/128DQ	640DI/640DQ
Analog I/O	32AI/32AQ	194AI/194AQ
Bit storage area (M）	256bit	
Local memory (L）	64byte	
Sequential controlrelay (S）	256byte	
Pulse capture input	14	14
High speed counter	4*50KHz （HSC0~HSC3） Support 4 singal phase input，1 AB phase input （HSC0 supportAB phase） ※only support high speed count mode 0 and 9	6*50KHz （HSC0~HSC5） 4*30KHz （HSC3 and HSC5 both not support dual phase）
High speed counter power input	18~26V	
High speed pulse output (Transistor output)	motion control output: 3*50KHz Q point output: Q0.0~Q0.2	motion control output: 2*50KHz PTO/PWM：2*50KHz Q point output：Q0.0~Q0.1

Timer interruption	2，1ms
Edge interruption	4 rising edge/4 falling edge
Max extension module	7
BD extension board	1
System indicator lamp	SF indicator lamp (red) : ON=error, OFF=normal
	RUN indicator lamp (green) : ON=run, OFF=stop
	STOP indicator lamp (orange) : ON=stop, OFF=run
	RMC indicator lamp (green) : ON=allow, OFF=forbid
	LINK/ACT indicator lamp (green) : ON=link, flash=transfer, OFF=stop

Analog potentiometer	--	2, 8-bit resolution
Real-time clock	Build-in, precision ±120s/m.	
Programming card	support (download program to PLC can choice "coverage/no coverage" "program block/data block")	
Battery card	--	support
Memory card	--	support
Timer	Total amount: 256 1ms：4 10ms：16 100ms：236	Total amount: 512 1ms：4个 10ms：272 100ms：236
Counter	256 (Power failure protection)	

	H224/H226L	H224X/H226XL
RS485 communication		
Communication protocol	H224/H224X：2 RS485 port，1 PPI，1 FPORT H226L/H226XL：2 RS485 port，1 PPI/FPORT	
PPI baud rate	baud rate: 9.6Kbps、19.2Kbps、187.5Kbps	
FPORT baud rate	FPORT baud rate: 1.2Kbps～115.2Kbps	
Maximum cable length	Isolated repeater applied: When it is 1000 m, baud rate is 187.5Kbps; when it is 1200 m, 38.4Kbps. Isolated repeater unapplied: 50m	
Maximum number of stations	32 stations per segment,126 stations per network	
Maximum number ofmaster stations	32	
Interface	2 RS485 port	
Isolated	--	
Digital Input Features		

	H224/H224X	H226L/H226XL
Number of integrated digital input	14	24
Input type	Sink/ Source	
Rated voltage	24VDC	
Voltage input	20.4~28.8VDC	

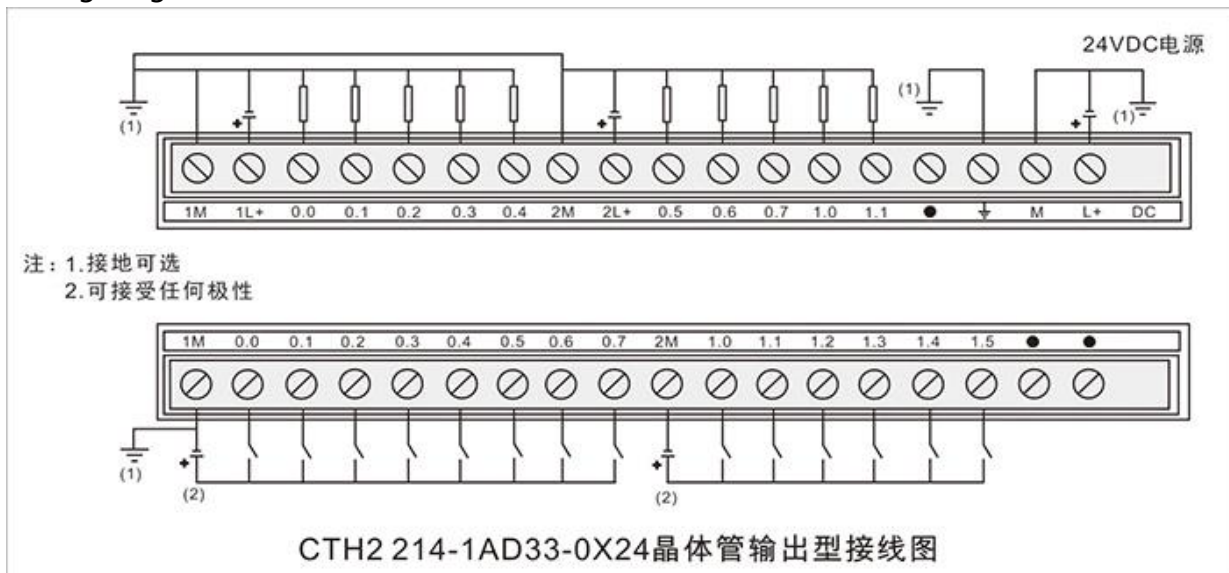| Surge voltage	35VDC，last 0.5s	
Logical 1 Signal (minimum)	15 VDC，2.5mA	
Logical 0 Signal (Maximum)	5 VDC，1mA	
Maximum permissible leakage current	1mA	
Filtering input	H224 and H226Lsupport 3.4ms,6.4ms； H224X andH226XL support 0.2ms，0.4ms，0.8ms，1.6ms，3.2ms，6.4ms，12.8ms，default 6.4ms	
Isolated(field side to logical circuit) Isolated groups	500V AC，1 minute refer to the Terminal Identification	
Simultaneous inputs	14	24
Maximum cable length Shielded Unshielded	500m（standard input），50m（high-speed counters input） 300m（standard input）	

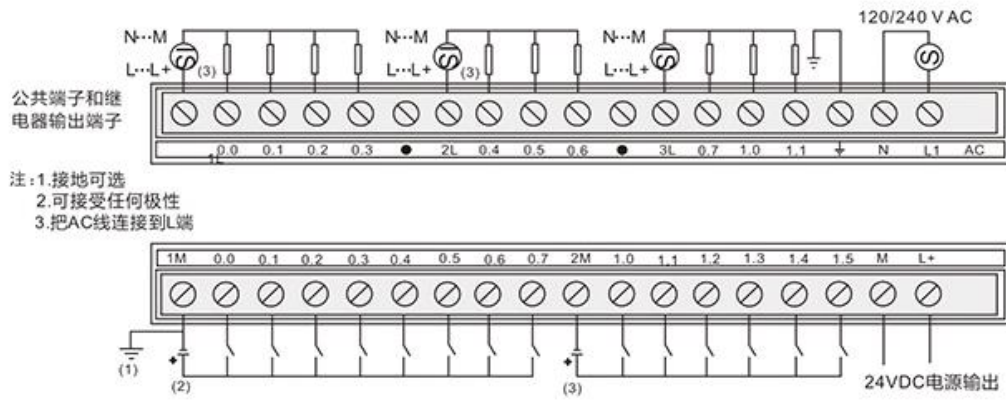| Digital Output Features				
Output type	Transistor		Relay	
	H224/H226L	H224X/H226XL	H224/H226L	H224X/H226XL
Type	MOSFET，Source		dry contact	
Rated voltage	24VDC		24VDC or 110V/220VAC	
Voltage input	20.4~28.8VDC		5～30VDC：5～250VAC	
Surge voltage (Maximum)	8A，100ms		5A，4s@10% duty ratio	
Rated current (maximum)	0.5A		2.0A	
Rated current (maximum)	6A		8A	
lighting load (maximum)	5W		DC 30W，AC 200W	
On-Resistance	0.3Ω，max 0.6Ω		0.2Ω	
Isolated(field side to logical circuit)	500VAC，1 minute		1500VAC，1 minute	
Delayoutput	off to run	Transistor H224/H226L：max .15μs Relay H224/H226L：max .50μs TransistorH224X/H226XL：2μs(Q0.0，Q0.1)，max .15μs Relay H224X/H226XL：max .10ms		
	Run to off	Transistor H224/H226L：max .130μs Relay H224/H226L：max .200μs TransistorH224X/H226XL：10μs(Q0.0，Q0.1)，max .130μs Relay H224X/H226XL：max .10ms		

Service time	--	10,000,000（non-loaded)
Service time	100,000（2A）	
Simultaneous output	H224/H224X：10 H226L/H226XL：16	
Parallel output	no	yes
Maximum cable length	Shielded	500m
	Unshielded	150m

Dimenzije

型号 单位mm

CTH200 H224
CTH200 H224X
CTH2 221-1BL32
CTH2 222-1BL32
CTH2 223-1BL32
CTH2 223-1PL32

正立面　　　　　　側立面

Wiring Diagram

24VDC电源

1M 1L+ 0.0 0.1 0.2 0.3 0.4 2M 2L+ 0.5 0.6 0.7 1.0 1.1 ● ⏚ M L+ DC

注：1.接地可选
　　2.可接受任何极性

1M 0.0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 2M 1.0 1.1 1.2 1.3 1.4 1.5 ● ●

CTH2 214-1AD33-0X24晶体管输出型接线图

CTH2 214-1BD33-0X24 继电器输出型接线图

公共端子和继电器输出端子

注:1.接地可选
  2.可接受任何极性
  3.把AC线连接到L端