

SIEMENS PLC SIMATIC S7-1200 CPU 1212C DC/DC/DC 6ES7212-1AD30-0XB0

Our Product Introduction

Basic Information

- Place of Origin: GERMANY
- Brand Name: SIEMENS
- Certification: CE
- Model Number: 6ES7212-1AD30-0XB0
- Minimum Order Quantity: 1
- Price: 250USD
- Packaging Details: 14,20 x 16,40 x 7,40
- Delivery Time: 5-10days
- Payment Terms: L/C, T/T
- Supply Ability: 10PC



Product Specification

- Highlight: SIEMENS PLC SIMATIC S7-1200 CPU ,
1212C PLC SIMATIC S7-1200,
SIEMENS s7 1200 cpu



for more products please visit us on plcsimatic.com

Product Description

SIEMENS CPU 1212C DC/DC/DC 6ES7212-1AD30-0XB0 SIMATIC S7-1200



Technical Specifications				
Model	CPU 1212C AC/DC/Relay	CPU 1212C DC/DC/Relay	CPU 1212C DC/DC/DC	
Order number (MLFB)	6ES7 212-1BD30-0XB0	6ES7 212-1HD30-0XB0	6ES7 212-1AD30-0XB0	
General				
Dimensions W x H x D (mm)	90 x 100 x 75			
Weight	425 grams	385 grams	370 grams	
Power dissipation	11 W	9 W		
Current available (SM and CM bus)	1000 mA max. (5 VDC)			
Current available (24 VDC)	300 mA max. (sensor power)			
Digital input current consumption (24 VDC)	4 mA/input used			
CPU Features				
User memory	25 Kbytes Work memory / 1 Mbytes Load memory/ 2 Kbytes Retentive memory			
On-board digital I/O	8 inputs/6 outputs			
On-board analog I/O	2 inputs			
Process image size	1024 bytes of inputs/1024 bytes of outputs			

Signal modules expansion	2 SMs max.			
Signal board expansion	1 SB max.			
Communication module expansion	3 CMs max.			
Technical Specifications				
Model	CPU 1212C AC/DC/Relay	CPU 1212C DC/DC/Relay	CPU 1212C DC/DC/DC	
High-speed counters	4 total Single phase: 3 at 100 kHz and 1 at 30 kHz clock rate Quadrature phase: 3 at 80 kHz and 1 at 20 kHz clock rate			
Pulse outputs	2 at 1 Hz pulse rate	2 at 100 kHz pulse rate		
Pulse catch inputs	8			
Time delay / cyclic interrupts	4 total with 1 ms resolution			
Edge interrupts	8 rising and 8 falling (12 and 12 with optional signal board)			
Memory card	SIMATIC Memory Card (optional)			
Real time clock accuracy	+/- 60 seconds/month			
Real time clock retention time	10 days typ./6 days min. at 40°C (maintenance-free Super Capacitor)			
Performance				
Boolean execution speed	0.1 µs/instruction			
Move Word execution speed	12 µs/instruction			
Real Math execution speed	18 µs/instruction			
Communication				
Number of ports	1			
Type	Ethernet			
Data rates	10/100 Mb/s			
Isolation (external signal to PLC logic)	Transformer isolated, 1500 VDC			
Cable type	CAT5e shielded			
Power supply				
Voltage range	85 to 264 VAC	20.4 to 28.8 VDC		
Line frequency	47 to 63 Hz	--		
Input current CPU only at max. load CPU with all expansion accessories at max. load	80 mA at 120 VAC 40 mA at 240 VAC 240 mA at 120 VAC 120 mA at 240 VAC	400 mA at 24 VDC 1200 mA at 24 VDC		
Inrush current (max.)	20 A at 264 VAC	12 A at 28.8 VDC		
Isolation (input power to logic)	1500 VAC	Not isolated		
Hold up time (loss of power)	20 ms at 120 VAC 80 ms at 240 VAC	10 ms at 24 VDC		
Internal fuse, not user replaceable	3 A, 250 V, slow blow			
Sensor power				
Voltage range	20.4 to 28.8 VDC	L+ minus 4 VDC min.		
Output current rating (max.)	300 mA (short circuit protected)			
Maximum ripple noise (<10 MHz)	< 1 V peak to peak	Same as input line		
Isolation (CPU logic to sensor power)	Not isolated			
Digital inputs				
Number of inputs	8			
Type	Sink/Source (IEC Type 1 sink)			

Rated voltage	24 VDC at 4 mA, nominal					



Shenzhen Voboal Industrial Automation Co., Ltd.



+8613760462017



sale@voboal.com



plcsimatic.com

Sienteng Zhongbao Industrial Park, Longdong Community, Baolong Street, Longgang District, Shenzhen