## SIEMENS PLC SIMATIC S7-1500 AI 4XU/I/RTD/TC ST 6ES7531-7QD00-0AB0 HARDWARE INTERRUPTS; DELIVERY INCLUDING

## **Basic Information**

Place of Origin: GermanyBrand Name: SIEMENSCertification: CE

Model Number: 6ES7531-7QD00-0AB0

Minimum Order Quantity: 1Price: USD

• Packaging Details: 15,10 x 15,40 x 4,60

Delivery Time: 10-12Days
Payment Terms: L/C, T/T
Supply Ability: 100



## **Product Specification**

• Number Of Analog Outputs: 8

• Operating Temperature: -20 To 60 Degrees Celsius

Weight: 0.8 KgNumber Of Communication 2 Interfaces:

• Operating Voltage: 24 V DC

• Number Of Analog Inputs: 8

• Dimensions: 130 X 150 X 120 Mm

Protection Class: IP20
CPU Type: S7-1511C
Memory: 1 MB
Number Of Digital Inputs: 16

Certifications:
 CE, UL, CSA, FM, RCM

• Number Of Digital Outputs: 16

## **Product Description**

SIEMENS PLC SIMATIC S7-1500 AI 4XU/I/RTD/TC ST 6ES7531-7QD00-0AB0 HARDWARE INTERRUPTS; DELIVERY INCLUDING

Product Introduction:

The SIEMENS PLC SIMATIC S7-1500 "AI 4XU/I/RTD/TC ST" 6ES7531-7QD00-0AB0 is an analog input module designed for the SIEMENS SIMATIC S7-1500 series. It features 4 channels that support a variety of analog measurements, including voltage (U), current (I), resistance temperature detectors (RTD), and thermocouples (TC). The module includes hardware interrupts for enhanced functionality and is delivered with all necessary components included.

Product Information and Specifications:

- Model: AI 4XU/I/RTD/TC ST 6ES7531-7QD00-0AB0
- Analog Inputs: 4 channels
- Measurement Types: Voltage (U), Current (I), RTD, TC
- Hardware Interrupts: Included
- Delivery: Includes all necessary components

Product Attributes:

- Model: AI 4XU/I/RTD/TC ST 6ES7531-7QD00-0AB0
- Analog Inputs: 4 channels
- Measurement Types: Voltage (U), Current (I), RTD, TC
- Hardware Interrupts: Included
- Delivery: Includes all necessary components

The AI 4XU/I/RTD/TC ST module is designed to handle various analog measurements, including voltage, current, RTD, and TC. It provides 4 channels to acquire these analog signals, making it suitable for applications with a limited number of inputs. The module includes hardware interrupts, allowing for immediate response to specific events or conditions. This feature enhances the functionality and responsiveness of the module, enabling it to perform critical tasks or actions based on predefined triggers.

When you purchase the AI 4XU/I/RTD/TC ST module, it is delivered with all the necessary components included. This ensures that you have everything required to install and start using the module in your application without any additional purchases. For detailed information on installation, configuration, and usage of the AI 4XU/I/RTD/TC ST module, it is recommended to refer to the product documentation provided by Siemens or contact their technical support. They can provide specific guidance on utilizing the hardware interrupts and assist you with any questions related to the module's delivery and included components.

Article Number (Market Facing Number)  SIMATIC S7-1500 Analog input module AI 4xU/I/RTD/TC ST, 16 bit resolution, Accuracy 0.3%, 4 channels in groups of 4; 2 channels for RTD measurement; Common mode voltage 10 V; Diagnostics; Hardware interrupts; Delivery including push-in front connector, infeed element, shield bracket, and shield terminal  Product Lifecycle (PLM)  Price data  Region Specific PriceGroup / Headquarter Price Group List Price Show prices  Customer Price Surcharge for Raw Materials  Mone  Metal Factor None  Delivery information  Export Control Regulations  Export Control Regulations  List Materials  AL: N / ECCN: 9N9999  Estimated dispatch time (Working Days)  Net Weight (kg) 0,384 kg  Packaging Dimension  Package size unit of measure CM  Quantity Unit 1 Piece  Packaging Quantity  Additional Product Information  EAN 4047623403425  UPC 887621837037  Commodity Code  LKZ_FDB/ ST73			
Market Facing Number  Sumber  Sersion Sumber  Sersion Sumber  Sersion Sumber  Simartic St-1500 Analog input module AI 4xU/l/RTD/TC ST, 16 bit resolution, Accuracy 0.3%, 4 channels in groups of 4; 2 channels for RTD measurement; Common mode voltage 10 V; Diagnostics; Hardware interrupts; Delivery including push-in front connector, infeed element, shield bracket, and shield terminal Product Lifecycle (PLM) Price data	Product		
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Product Lifecycle (PLM) Price data Region Specific PriceGroup / Headquarter Price Group List Price Customer Price Show prices Surcharge for Raw Materials Metal Factor Delivery information Export Control Regulations  Estimated dispatch time (Working Days) Net Weight (kg) Dimension Package size unit of measure Quantity Unit PM300:Active Product P19 / 219 PM300:Active P1	Product Description	resolution, Accuracy 0.3%, 4 channels in groups of 4; 2 channels for RTD measurement; Common mode voltage 10 V; Diagnostics; Hardware interrupts; Delivery including push-in front connector, infeed element, shield bracket, and shield terminal	
Lifecycle (PLM) Price data Region Specific PriceGroup/ Price Group List Price Show prices Customer Price Show prices Surcharge for Raw Materials Metal Factor None Delivery information Export Control Regulations Estimated dispatch time (Working Days) Net Weight (kg) Dimension Package size unit of measure Quantity Unit Packaging Quantity Additional Product Information EAN 4047623403425 UPC Begins Show prices Show prices Show prices None AL : N / ECCN : 9N9999  It piccompany to the product information  CM  Code Begins Dimension  AL : N / ECCN : 9N9999  CM  Day/Days  CM  CM  Lift Day/Days  CM  Day/Days  CM  CM  Day/Days  CM  CM  Day/Days  CM  CM  Show prices Sho	Product family	SM 531 analog input modules	
Region Specific PriceGroup / Headquarter Price Group List Price Show prices Customer Price Surcharge for Raw Materials Metal Factor Delivery information Export Control Regulations  AL: N / ECCN: 9N9999  Estimated dispatch time (Working Days) Net Weight (kg) Packaging Dimension Package size unit of measure Quantity Unit Packaging Quantity Additional Product Information EAN 4047623403425 UPC 887621837037 Commodity Code LKZ_FDB/ CatalogID Show prices Show price	Product Lifecycle (PLM)	PM300:Active Product	
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Customer Price Show prices  Surcharge for Raw Materials None  Metal Factor None  Delivery information  Export Control Regulations AL : N / ECCN : 9N9999  Estimated dispatch time (Working Days)  Net Weight (kg) 0,384 Kg  Packaging Dimension  Package size unit of measure  Quantity Unit 1 Piece  Packaging Quantity  Additional Product Information  EAN 4047623403425  UPC 887621837037  Commodity Code  LKZ_FDB/ CatalogID  None  None  None  None  None  None  1 Day/Days  1 Day/D	Region Specific PriceGroup / Headquarter Price Group	219 / 219	
Surcharge for Raw Materials  Metal Factor None  Delivery information  Export Control Regulations  Estimated dispatch time (Working Days)  Net Weight (kg) 0,384 kg  Packaging Dimension  Package size unit of measure  Quantity Unit 1 Piece  Packaging Quantity  Additional Product Information  EAN 4047623403425  UPC 887621837037  Commodity Code  LKZ_FDB/ CatalogID  None  AL : N / ECCN : 9N9999  1 Day/Days  2 Day-Day-Day-Day-Day-Day-Day-Day-Day-Day-	List Price	Show prices	
Raw Materials   None	Customer Price	Show prices	
Delivery information  Export Control Regulations  AL: N / ECCN: 9N9999  Estimated dispatch time (Working Days)  Net Weight (kg) 0,384 Kg  Packaging Dimension  Package size unit of measure  Quantity Unit 1 Piece  Packaging Quantity  Additional Product Information  EAN 4047623403425  UPC 887621837037  Commodity Code  LKZ_FDB/ CatalogID  AL: N / ECCN: 9N9999  AL: N / ECCN: 9N99999  AL: N / ECCN: 9N9999  AL: N / ECCN: 9N999  AL: N / ECCN: 9	Surcharge for Raw Materials	None	
Export Control Regulations  AL: N / ECCN: 9N9999  Estimated dispatch time (Working Days)  Net Weight (kg) Packaging Dimension  Package size unit of measure Quantity Unit Packaging Quantity  Additional Product Information  EAN 4047623403425  UPC 887621837037  Commodity Code  LKZ_FDB/ CatalogID  T Day/Days  1 Day/Days  2 Day-Day-Day-Day-Day-Day-Day-Day-Day-Day-	Metal Factor	None	
Regulations AL: N / ECCN: 9N9999  Estimated dispatch time (Working Days)  Net Weight (kg) 0,384 Kg  Packaging Dimension  Package size unit of measure  Quantity Unit 1 Piece  Packaging Quantity  Additional Product Information  EAN 4047623403425  UPC 887621837037  Commodity Code 85389091  LKZ_FDB/ CatalogID  LKZ_FDB/ CatalogID	Delivery information		
dispatch time (Working Days)  Net Weight (kg) 0,384 Kg  Packaging Dimension  Package size unit of measure  Quantity Unit 1 Piece  Packaging Quantity  Additional Product Information  EAN 4047623403425  UPC 887621837037  Commodity Code  LKZ_FDB/ CatalogID  No.384 Kg  15,10 x 25,60 x 3,40  CM  1 Piece  CM  404  404  404  404  404  404  404	Export Control Regulations	AL: N / ECCN: 9N9999	
Packaging Dimension  Package size unit of measure  Quantity Unit  Packaging Quantity  Additional Product Information  EAN  4047623403425  UPC  887621837037  Commodity Code  LKZ_FDB/ CatalogID  15,10 x 25,60 x 3,40  CM  1 Piece  1 Piece  2 Packaging 1 Product Information  887621837037  ST73	Estimated dispatch time (Working Days)	1 Day/Days	
Dimension Package size unit of measure Quantity Unit Packaging Quantity  Additional Product Information EAN 4047623403425 UPC 887621837037 Commodity Code  LKZ_FDB/ CatalogID  CM  Adv × 25,60 × 3,40  CM  Adv × 340  Adv × 40  Ad	Net Weight (kg)	0,384 Kg	
unit of measure  Quantity Unit  Packaging Quantity  Additional Product Information  EAN	Packaging Dimension	15,10 x 25,60 x 3,40	
Packaging Quantity         1           Additional Product Information         EAN           EAN         4047623403425           UPC         887621837037           Commodity Code         85389091           LKZ_FDB/ CatalogID         ST73	Package size unit of measure	СМ	
Quantity         I           Additional Product Information         EAN           EAN         4047623403425           UPC         887621837037           Commodity         85389091           LKZ_FDB/ CatalogID         ST73	Quantity Unit	1 Piece	
EAN 4047623403425  UPC 887621837037  Commodity Code 85389091  LKZ_FDB/ CatalogID ST73	Packaging Quantity	1	
UPC 887621837037  Commodity 85389091  LKZ_FDB/ CatalogID ST73	Additional Produ	ct Information	
Commodity Code  LKZ_FDB/ CatalogID  ST73	EAN	4047623403425	
Code B5389091  LKZ_FDB/ CatalogID ST73	UPC	887621837037	
CatalogID S173	Commodity Code	85389091	
Product Group 4501	LKZ_FDB/ CatalogID	ST73	
	Product Group	4501	

Group Code	R151
Country of origin	Germany
Compliance with the substance restrictions according to RoHS directive	Since: 09.05.2014
Product class	A: Standard product which is a stock item could be returned within the returns guidelines/period.
WEEE (2012/19/EU) Take-Back Obligation	Yes
REACH Art. 33 Duty to inform according to the current list of candidates	Lead CAS-No. 7439-92-1 > 0, 1 % (w / w) Lead monoxide (lead CAS-No. 1317-36-8 > 0, 1 % (w / w) 4,4'-isopropylidened CAS-No. 80-05-7 > 0, 1 % (w / w)
SCIP number	f4305329-0bf7-4dd7-aada-260f64cb8f7b





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