

## SIEMENS PLC SIMATIC S7-1500 DQ 16X24...48VUC/125V DC/0.5A ST 6ES7522-5EH00-0AB0 SUBSTITUTE VALUE: OBSERVE DERATING

### Basic Information

- Place of Origin: Germany
- Brand Name: SIEMENS
- Certification: CE
- Model Number: DQ 16x24...48VUC/125V DC/0.5A ST  
6ES7522-5EH00-0AB0
- Minimum Order Quantity: 1
- Price: 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

- Memory: Up To 5 MB
- Operating Temperature: -20°C To +60°C
- Cpu Type: S7-1500
- Dimensions: Standard: 90 X 100 X 75 Mm, Compact: 90 X 80 X 75 Mm
- Protection Rating: IP20
- Number Of Digital Inputs: Up To 256
- Number Of Analog Outputs: Up To 32
- Programming Languages: Ladder Logic, Function Block Diagram, Structured Control Language, Statement List, Graph
- Weight: Standard: 0.4 Kg, Compact: 0.3 Kg
- Communication Interfaces: PROFINET, PROFIBUS, Ethernet/IP, Modbus TCP, TCP/IP, OPC UA
- Power Supply: 24 V DC
- Certifications: CE, UL, CUL, FM, ATEX, IECEx

## Product Description

SIEMENS PLC SIMATIC S7-1500 DQ 16X24...48VUC/125V DC/0.5A ST 6ES7522-5EH00-0AB0 SUBSTITUTE VALUE: OBSERVE DERATING

### Product Introduction:

The SIEMENS PLC SIMATIC S7-1500 "DQ 16X24...48VUC/125V DC/0.5A ST" 6ES7522-5EH00-0AB0 is a digital output module designed for the SIEMENS SIMATIC S7-1500 series. It features 16 digital output channels capable of controlling devices operating within a voltage range of 24VUC to 48VUC or 125V DC, with a maximum current rating of 0.5A per channel. This module utilizes solid-state (ST) technology for reliable switching of loads.

### Product Information and Specifications:

- Model: DQ 16X24...48VUC/125V DC/0.5A ST 6ES7522-5EH00-0AB0
- Digital Outputs: 16 channels
- Output Voltage Range: 24VUC to 48VUC or 125V DC
- Maximum Current per Channel: 0.5A
- Solid-State Technology (ST): Utilizes solid-state technology for reliable load switching

### Product Attributes:

- Model: DQ 16X24...48VUC/125V DC/0.5A ST 6ES7522-5EH00-0AB0
- Digital Outputs: 16 channels
- Output Voltage Range: 24VUC to 48VUC or 125V DC
- Maximum Current per Channel: 0.5A
- Solid-State Technology (ST): Utilizes solid-state technology for reliable load switching

### Substitute Value: Observe Derating

The "Substitute Value: Observe Derating" indicates that when using this module, it is important to consider derating factors for the specified current rating. Derating refers to the reduction in the maximum allowable current capacity when certain conditions, such as ambient temperature or installation constraints, are present. It is crucial to follow the manufacturer's guidelines and observe derating factors to ensure safe and reliable operation of the module.

To obtain specific information about derating factors and guidelines for this module, it is recommended to refer to the product documentation provided by Siemens or consult their technical support. They can provide detailed instructions on how to properly account for derating factors and ensure optimal performance of the module in your application.

Product	
Article Number (Market Facing Number)	6ES7522-5EH00-0AB0
Product Description	SIMATIC S7-1500, digital output module DQ16x24..48VUC/125V DC/0.5A ST; 16 channels in groups of 1; 0.5 A per group; substitute value: observe derating the module supports the safety-oriented shutdown of load groups up to SIL2 according to EN IEC 62061:2021 and Category 3 / PL d according to EN ISO 13849-1:2015. front connector (screw terminals or push-in) to be ordered separately
Product family	<a href="#">SM 522 digital output modules</a>
Product Lifecycle (PLM)	PM300:Active Product
Price data	
Region Specific PriceGroup / Headquarter Price Group	219 / 219
List Price	<a href="#">Show prices</a>
Customer Price	<a href="#">Show prices</a>
Surcharge for Raw Materials	None
Metal Factor	None
Delivery information	
Export Control Regulations	AL : N / ECCN : EAR99H
Estimated dispatch time (Working Days)	1 Day/Days
Net Weight (kg)	0,335 Kg
Packaging Dimension	15,10 x 15,10 x 4,70
Package size unit of measure	CM
Quantity Unit	1 Piece
Packaging Quantity	1

Additional Product Information				
EAN	4047623406068			
UPC	804766236617			
Commodity Code	85389091			
LKZ_FDB/ CatalogID	ST73			
Product Group	4501			
Group Code	R151			
Country of origin	Germany			
Compliance with the substance restrictions according to RoHS directive	Since: 13.11.2015			
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	<table><tr><td>Lead CAS-No. 7439-92-1 &gt; 0, 1 % (w / w)</td></tr><tr><td>Lead monoxide (lead ... CAS-No. 1317-36-8 &gt; 0, 1 % (w / w)</td></tr><tr><td>4,4'-isopropylidened... CAS-No. 80-05-7 &gt; 0, 1 % (w / w)</td></tr></table>	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)
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SCIP number	6237ec0b-456b-4301-a756-1c48f443bf42			



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