

## SIEMENS 6DD1607-0CA0 EXM 438 EXTENSION DES E/S EXM 438 I/O EXPANSION MODULE FOR FM 458

### Basic Information

- Place of Origin: Germany
- Brand Name: SIEMENS
- Certification: CE
- Model Number: 6DD1607-0CA0
- Minimum Order Quantity: 1
- Price: USD
- Packaging Details: 23,10 x 30,50 x 6,20CM
- Delivery Time: 10-12Days
- Payment Terms: L/C, T/T
- Supply Ability: 100PS



### Product Specification

- Display Resolution: 800 X 480 Pixels
- Display Type: TFT
- Memory: 64 MB
- Communication Interfaces: Ethernet, Profibus, Modbus, CAN, Etc.
- Integrated Hmi Functions: Yes
- Programming Software: TIA Portal
- Temperature Range: -20 To +60 Degrees Celsius
- Power Supply: 24 V DC
- Communication Ports: 2x Ethernet, 2x USB, 1x RS232
- Product Type: Human Machine Interface
- Memory Capacity: 64 KB
- Digital Outputs: 16
- Resolution: 800x480 Pixels
- Protection Rating: IP65
- Number Of Inputs: 32

## Product Description

### SIEMENS 6DD1607-0CA0 EXM 438 EXTENSION DES E/S EXM 438 I/O EXPANSION MODULE FOR FM 458

The Siemens 6DD1607-0CA0 is an EXM 438 I/O Expansion Module for the FM 458 PROFIBUS DP Application Module in the SIMATIC S7-400 PLC system. This expansion module is designed to provide additional input/output (I/O) capabilities for the FM 458 module, enhancing the overall functionality and flexibility of the SIMATIC S7-400 automation system.

Key details about the Siemens 6DD1607-0CA0 EXM 438 I/O Expansion Module:

#### 1. Overview:

- The 6DD1607-0CA0 is an EXM 438 I/O Expansion Module from Siemens.
- It is a specialized module that can be used in conjunction with the SIMATIC S7-400 FM 458 PROFIBUS DP Application Module.
- The EXM 438 I/O Expansion Module provides additional I/O resources to expand the capabilities of the FM 458 module within the SIMATIC S7-400 PLC system.

#### 2. Technical Specifications:

- Module Type: EXM 438 I/O Expansion Module for FM 458
- I/O Capacity: Configurable number of digital and analog I/O points
- Interfaces:
  - PROFIBUS DP interface for communication with the FM 458 module
  - Additional I/O connections (e.g., terminal blocks, field wiring)
- Dimensions (W x H x D): 160 mm x 290 mm x 219 mm
- Mounting: Cabinet or rack mounting

#### 3. Features and Benefits:

- Expands the I/O capabilities of the SIMATIC S7-400 FM 458 PROFIBUS DP Application Module
- Allows for the connection of additional field devices, sensors, and actuators to the automation system
- Provides flexible and scalable I/O configuration to meet the requirements of various industrial applications
- Seamless integration with the FM 458 module and the overall SIMATIC S7-400 PLC system
- Robust and reliable design for harsh industrial environments
- Simplified system engineering and maintenance with comprehensive diagnostic functions

#### 4. Applications:

- The Siemens 6DD1607-0CA0 EXM 438 I/O Expansion Module is typically used in conjunction with the SIMATIC S7-400 FM 458 PROFIBUS DP Application Module in the following types of applications:
  - Distributed control systems with extensive I/O requirements
  - Process automation and control
  - Factory automation and machine control
  - Building automation and energy management
  - Transportation and logistics systems
  - Specialized industrial applications (e.g., robotics, packaging, materials handling)

#### 5. Integration and Configuration:

- The EXM 438 I/O Expansion Module is designed to be integrated seamlessly with the SIMATIC S7-400 FM 458 PROFIBUS DP Application Module.
- It can be mounted in industrial cabinets or racks and connected to the FM 458 module and other system components as required.
- The module's configuration and programming can be done using Siemens' STEP 7 engineering software, which provides comprehensive tools for I/O configuration, system integration, and diagnostics.

#### 6. Certifications and Approvals:

- The Siemens 6DD1607-0CA0 EXM 438 I/O Expansion Module is designed to meet relevant safety and quality standards for industrial applications, including CE, UL, and other certifications.
- Additional certifications may be available based on specific regional or application requirements.

For more detailed information or to discuss specific application requirements, please feel free to reach out to me.

Product	
Article Number	6DD1607-0CA0
Product Description	*** SPARE PART*** SIMATIC S7-400, EXM 438 I/O EXPANSION MODULE FOR FM 458
Product family	Not available
Product Lifecycle (PLM)	PM500:Discontinued Product or end of PLM & Support
PLM Effective Date	End of product lifecycle since: 01.10.2016
Notes	Product was deleted without replacement. If you need assistance please contact our local Siemens office
Price data	
Price Group	2AP
List Price	<a href="#">Show prices</a>
Customer Price	<a href="#">Show prices</a>
Surcharge for Raw Material	see also metal factor (further details are available on the help page)
Metal Factor	see also metal factor (further details are available on the help page)
Delivery information	
Export Control Regulations	ECCN : N / AL : N

Estimated dispatch time (Working Days)	10 Day(s)
Net Weight (kg)	1,092 Kg
Packaging Dimension	23,10 x 30,50 x 6,20
Package size unit of measure	CM
Quantity Unit	0 Piece
Packaging Quantity	1
Additional Product Information	
EAN	Not available
UPC	662643355215
Commodity Code	85389091
LKZ_FDB/ CatalogID	ST9.DA99T
Product Group	4100
Group Code	R111
Country of origin	Germany



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