



PRODUCT-DETAILS

PM591-ETH

Processor module. Memory 4MB. Interfaces: Ethernet, 2x RS232/485, FBP. Display (PM591-ETH)



General Information	
Extended Product Type:	PM591-ETH
Product ID:	1SAP150100R0271
ABB Type Designation:	PM591-ETH
EAN:	4016779711685
Catalog Description:	Processor module. Memory 4MB. Interfaces: Ethernet, 2x RS232/485, FBP. Display (PM591-ETH)
Long Description:	PM591-ETH: AC500 Processor module. Memory 4MB. Interfaces: Ethernet, 2x RS232/485, FBP. Display.
Display Name:	PM591-ETH

Ordering	
CN8:	85389091
Invoice Description:	Processor module. Memory 4MB. Interfaces: Ethernet, 2x RS232/485, FBP. Display (PM591-ETH)

Made To Order:	No
Minimum Order Quantity:	1 piece
Order Multiple:	1 piece
Selling Unit of Measure:	piece

Dimensions

Product Net Weight:	0.137 kg
Product Net Depth / Length:	62 mm
Product Net Height:	76 mm
Product Net Width:	67.5 mm
Gross Weight:	0.161 kg
Package Level 1 Depth / Length:	84 mm
Package Level 1 Height:	72 mm
Package Level 1 Width:	71 mm
Package Level 1 Units:	carton 1 piece

Certificates and Declarations

Declaration of Conformity - CE:	3ADR980140
REACH Date:	20241206
REACH Declaration:	3ADR980139
REACH Information:	True - contains substances > 0.1 mass percentage
SCIP:	b371baed-7810-49e1-aaca-b196d9889dff Germany
RoHS Declaration:	3ADR980140
RoHS Information:	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019

Technical

Function:	Memory 4MB. Interfaces: Ethernet, 2x RS232/485, FBP. Display
Screen Color Capability:	Monochrome
Display Type:	LCD
Communication Interface:	Serial/FBP/Ethernet
Number of Hardware Interfaces:	Industrial Ethernet 1 Other 2 Parallel 0 RS-232 0 RS-422 0 RS-485 0 Serial TTY 0 USB 0 Wireless 0
Memory Size:	9728 kB
Memory Size User Data:	5632 kB
Memory Size User Program:	4096 kB

Memory Type User Data:	RAM
Controller Processing Time:	0.000002 ms
Number of Digital Configurable I/Os:	0
Degree of Protection:	IP20
Rated Voltage (U _r):	24 V DC
Supply Voltage:	20.4 ... 28.8 V DC
Ambient Air Temperature:	Operation 0 ... +60 °C Storage -40 ... +70 °C

Additional Information

Product Main Type:	PM591
Product Name:	Distributed Automation PLCs

External Classifications and Standards

eClass:	27-24-22-07
ETIM 8:	EC000236 - PLC CPU-module
ETIM 9:	EC000236 - PLC CPU-module
ETIM 10:	EC000236 - PLC CPU-module
UNSPSC:	32151705

Environmental

WEEE B2C / B2B:	Business To Business
WEEE Category:	5. Small Equipment (No External Dimension More Than 50 cm)

Categories

Products > PLC Automation > Programmable Logic Controllers PLCs > AC500 > CPUs



