



PRODUCT-DETAILS

PM590-ETH

Processor module. Memory 2MB. Interfaces: Ethernet, 2x RS232/485, FBP. Display (PM590-ETH)



General Information	
Extended Product Type	PM590-ETH
Product ID	1SAP150000R0271
ABB Type Designation	PM590-ETH
EAN	4016779711647
Catalog Description	Processor module. Memory 2MB. Interfaces: Ethernet, 2x RS232/485, FBP. Display (PM590-ETH)
Long Description	PM590-ETH: AC500 Processor module. Memory 2MB. Interfaces: Ethernet, 2x RS232/485, FBP. Display.

Ordering	
CN8	85389091
Invoice Description	Processor module. Memory 2MB. Interfaces: Ethernet, 2x RS232/485, FBP. Display (PM590-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	0.162 kg
Package Level 1 Depth / Length	84 mm
Package Level 1 Height	72 mm
Package Level 1 Width	71 mm
Package Level 1 Units	1 carton

Certificates and Declarations

Declaration of Conformity - CE	3ADR980140
REACH Date	20241206
REACH Declaration	3ADR980139
REACH Information	True - contains substances > 0.1 mass percentage
RoHS Date	2011
RoHS Information	3ADR980140
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019

Technical

Function	Memory 2MB. Interfaces: Ethernet, 2x RS232/485, FBP. Display
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	5120 kB
Memory Size User Data	3072 kB
Memory Size User Program	2048 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	PM590
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

SCIP	bd1bd6d9-6ee8-4b40-b648-387ea940495d Germany
WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Where Used (as part of "kit")

Identifier	Description	Type
1SAP150000R0379	Controller Kit. Contains PM590-ETH, CM579-ETHCAT, TB521-ETH, TA524 (PM590-MC-KIT)	Kit

Categories

PLC Automation → Programmable Logic Controllers PLCs → AC500 → CPUs



