



PRODUCT-DETAILS

PM590-MC-KIT

Controller Kit. Contains PM590-ETH, CM579-ETHCAT, TB521-ETH, TA524 (PM590-MC-KIT)



General Information	
Extended Product Type	PM590-MC-KIT
Product ID	1SAP150000R0379
ABB Type Designation	PM590-MC-KIT
EAN	4013614509520
Catalog Description	Controller Kit. Contains PM590-ETH, CM579-ETHCAT, TB521-ETH, TA524 (PM590-MC-KIT)
Long Description	PM590-MC-KIT: AC500 Controller Kit. Contains PM590-ETH, CM579-ETHCAT, TB521-ETH, TA524.

Ordering	
CN8	85371091
Invoice Description	Controller Kit. Contains PM590-ETH, CM579-ETHCAT, TB521-ETH, TA524 (PM590-MC-KIT)
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece

Dimensions	
Product Net Weight	0.483 kg
Product Net Depth / Length	250 mm
Product Net Height	110 mm
Product Net Width	180 mm
Gross Weight	0.72 kg
Package Level 1 Depth / Length	260 mm
Package Level 1 Height	120 mm
Package Level 1 Width	180 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	2015
RoHS Information	3ADR980140
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019

Technical	
Function	Contains PM590-ETH, CM579-ETHCAT, TB521-ETH, TA524
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 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

Additional Information	
Product Main Type	PM590
Product Name	Distributed Automation PLCs

External Classifications and Standards	
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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	9291d475-820b-4f7d-aaed-7ebec595bae7 Germany
WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Kit Contents

Identifier	Description	Quantity	Unit Of Measure
1SAP112100R0270	Terminal base. For AC500 V2. 2 slots for communication module. Ethernet interface. 2 serial interfaces RS232/RS485 (TB521-ETH)	1	piece
1SAP150000R0271	Processor module. Memory 2MB. Interfaces: Ethernet, 2x RS232/485, FBP. Display (PM590-ETH)	1	piece
1SAP170902R0101	Communication module. EtherCAT master. (CM579-ETHCAT)	1	piece
1SAP180600R0001	Terminal base slot cover. for TB5xx, TB5xxx and TF5xxx (TA524)	1	piece

Categories

PLC Automation → Programmable Logic Controllers PLCs → AC500 → CPUs



