MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

AMIKON cover followed by applicable original manufacturer pages

ABB

PM5012-T-ETH 1SAP122600R0072

AC500-ECO PROCESSOR MODULE

Manufacturer guide: ABB Product Details PM5012-T-ETH 1SAP122600R0072

OFFICIAL SOURCE

ABB Product Details PM5012-T-ETH 1SAP122600R0072

Applicable source pages included: 1, 2, 3

The following pages retain the original manufacturer content, aspect ratio and colours.

PRODUCT-DETAILS

PM5012-T-ETH

Processor module. Memory 1MB. 6 DI 24 VDC. 4 DO-Transistor 24 VDC. Ethernet interface. 1 option slot (PM5012-T-ETH)



General Information

Extended Product Type:	PM5012-T-ETH
Product ID:	1SAP122600R0072
ABB Type Designation:	PM5012-T-ETH
EAN:	4013614551673
Catalog Description:	Processor module. Memory 1MB. 6 DI 24 VDC. 4 DO-Transistor 24 VDC. Ethernet interface. 1 option slot (PM5012-T-ETH)
Long Description:	PM5012-T-ETH: AC500-eCo Processor module. Memory 1MB. 6 DI 24 VDC. 4 DO-Transistor 24 VDC. Ethernet interface. 1 option slot. (CLASSIC) -Replaced by 1SAP122600R0172
Display Name:	PM5012-T-ETH

Ordering

CN8:	85371091

© 2026 ABB. All rights reserved.

Invoice Description:	Processor module. Memory 1MB. 6 DI 24 VDC. 4 DO-Transistor 24 VDC. Ethernet interface. 1 option slot (PM5012-T-ETH)
Made To Order:	No
Minimum Order Quantity:	1 piece
Order Multiple:	1 piece
Selling Unit of Measure:	piece
Replacement Product ID (NEW):	1SAP122600R0172

Dimensions

Product Net Weight:	0.225 kg
Product Net Depth / Length:	74 mm
Product Net Height:	135 mm
Product Net Width:	82 mm
Gross Weight:	0.268 kg
Package Level 1 Depth / Length:	100 mm
Package Level 1 Height:	95 mm
Package Level 1 Width:	175 mm
Package Level 1 Units:	carton 1 piece

Certificates and Declarations

Declaration of Conformity - CE:	3ADR980147
REACH Date:	20241206
REACH Declaration:	3ADR980139
REACH Information:	True - contains substances > 0.1 mass percentage
RoHS Declaration:	3ADR980147
RoHS Information:	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019

Technical

Function:	Memory 1MB. 6 DI 24 VDC. 4 DO-Transistor 24 VDC. Ethernet interface. 1 option slot
Number of Hardware Interfaces:	Industrial Ethernet 1 Other 0 Parallel 0 RS-232 0 RS-422 0 RS-485 0 Serial TTY 0 USB 0 Wireless 0
Memory Size:	1008 kB
Memory Type User Data:	RAM
Controller Processing Time:	0.0002 ms
Number of Digital Inputs:	6

© 2026 ABB. All rights reserved.

Number of Digital Outputs:	4
Number of Digital Configurable I/Os:	0
Input Voltage Type:	DC
Degree of Protection:	IP20
Rated Voltage (U_r):	24 V DC
Supply Voltage:	20.4 … 28.8 V DC

Additional Information

Product Main Type:	PM5012
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-eCo > CPUs



© 2026 ABB. All rights reserved.