

PM590-ETH-V14x



PM590-ETH:AC500,Prog.Log.Controller 2MB



General Information

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| Extended Product Type | PM590-ETH-V14x |
| Product ID | 1SAP150000R0270 |
| ABB Type Designation | PM590-ETH |
| EAN | 4016779711630 |
| Catalog Description | PM590-ETH:AC500,Prog.Log.Controller 2MB |
| Long Description | PM590-ETH:AC500,Prog.Log.Controller 2MB 24VDC,ETHERNET,2xRS232/485,FBP SD-Card Slot,LCD Display |

Additional Information

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| ABB Type Designation | PM590-ETH |
| ABS Certificate | 1SAA960002-0106 |
| Ambient Air Temperature | Operation 0 ... +60 °C Storage -40 ... +70 °C |
| BV Certificate | 1SAA960003-0204 |
| CN8 | 85389091 |
| CS31-Bus | 1 |
| CSA Certificate | 1SAA960000-1712 |
| Communication | Serial and Ethernet interfaces for communication and programming |
| Communication Interface | Serial/FBP/Ethernet |
| Country of Origin | Germany (DE) |
| Customs Tariff Number | 85389091 |
| DNV Certificate | 1SAA960002-0306 |
| Data Sheet, Technical Information | 2CDC125002B0207 |
| Declaration of Conformity - C-Tick | 1SAA960000-3302 |
| Declaration of Conformity - CE | 1SAD938504-0161 |
| Declaration of Conformity - KCC | 1SAA960001-4801 |
| Degree of Protection | IP20 |
| Display Type | LCD |
| EAN | 4016779711630 |
| EPLAN Catalog Tree | Electrical engineering / PLC / General |
| Environmental Information | 1SAA960007-2406 |
| Fieldbus Interface Type | Ethernet TCP/IP |
| GL Certificate | 1SAA960004-0409 |
| GOST Certificate | 1SAA962000-2703 |
| Gross Weight | 0.22 kg |
| I/O Option | CPU with Local IO - on I/O-Bus |

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| Instructions and Manuals | 2CDC125080M0202 |
| Invoice Description | PM590-ETH:AC500,Prog.Log.Controller 2MB |
| LR Certificate | 1SAA960002-0506 |
| Made To Order | No |
| Maximum Number of Analog I/Os | 160 AI, 160 AO local max. 10 extension modules |
| Maximum Number of Digital I/Os | 320 DI, 240 DO/DC local max. 10 extension modules |
| Maximum Operating Altitude Permissible | 2000 m |
| Memory Size User Data | 2560 kB |
| Memory Size User Program | 2048 kB |
| Memory Type User Data | Flash EPROM |
| Memory Type User Program | Flash EPROM, non-volatile RAM, SD Card |
| Minimum Order Quantity | 1 piece |
| Mounting Position | Horizontal, Vertical possible with derating |
| Mounting on DIN Rail | TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715 |
| Number of Display Lines | 1 |
| Number of Function Keys | 8 |
| Number of LEDs | 3 |
| Order Multiple | 1 piece |
| Power Supply | 24 V DC |
| Primary Voltage | 24 V DC |
| Product Depth | 72 mm |
| Product Main Type | PM590 |
| Product Name | Distributed Automation PLCs |
| Product Net Height | 76 mm |
| Product Net Length | 62 mm |
| Product Net Weight | 0.15 kg |
| Product Net Width | 67.5 mm |
| Product Type | PLC-AC500 |
| Programming Software | PS501-PROG Control Builder Plus |
| Quote Only | No |
| RINA Certificate | 1SAA960003-0807 |
| RMRS Certificate | 1SAA960001-0706 |
| Real-time Clock | Yes |
| Replaced Product ID (OLD) | 1SAP150000R0170 |
| RoHS Date | 1231 |
| RoHS Information | 1SAA960005-4410 |
| RoHS Status | Following EU Directive 2002/95/EC August 18, 2005 and amendment |
| Secondary Current | 0.2 A |
| Selling Unit of Measure | piece |
| Serial Port 1 Type | RS232 / RS485 configurable, Programing, Modbus Master or slave, ASCII, CS31 Master |
| Serial Port 2 Type | RS232 / RS485 configurable, Programing, Modbus Master or slave, ASCII |
| Short Description | PM590-ETH:AC500,Prog.Log.Controller 2MB |
| Stocked At (Warehouses) | Central Stock Europe SEMACE001EXPU SGRDC002EXPU SGIND002EXPU AUABB024EXPU CNYKAEXPU |
| Supply Voltage | 24 V DC |
| UL Certificate | 1SAA960000-1612 |
| WEEE B2C / B2B | Business To Business |
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |

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| cUL Certificate | 1SAA960000-1712 |
| cULus Certificate | 1SAA960000-1712 |

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Categories

PLC Automation → Programmable Logic Controllers PLCs → AC500 → CPUs

