

PRODUCT-DETAILS

# PM591-ETH

## PM591-ETH:AC500,Prog.Logic Contr.4MB



### General Information

Extended Product Type	PM591-ETH
Product ID	1SAP150100R0271
ABB Type Designation	PM591-ETH
EAN	4016779711685
Catalog Description	PM591-ETH:AC500,Prog.Logic Contr.4MB
Long Description	PM591-ETH:AC500,Prog.Logic Controller 4MB 24VDC,ETHERNET,2xRS232/485,FBP SD-Card Slot,LCD Display

### Additional Information

ABB Type Designation	PM591-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

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	4016779711685
EPLAN Catalog Tree	Electrical engineering / PLC / General
ETIM 7	EC000236 - PLC CPU-module
ETIM 8	EC000236 - PLC CPU-module
Environmental Information	1SAA960007-2406
Fieldbus Interface Type	Onboard Ethernet TCP/IP
GL Certificate	1SAA960004-0409
GOST Certificate	1SAA962000-2703
Gross Weight	0.161 kg
I/O Option	CPU with Local IO - on I/O-Bus
Invoice Description	PM591-ETH:AC500,Prog.Logic Contr.4MB
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
Maximum Order Quantity	5 piece
Memory Size User Data	5632 kB
Memory Size User Program	4096 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	PM591
Product Name	Distributed Automation PLCs
Product Net Height	76 mm
Product Net Length	62 mm
Product Net Weight	0.137 kg
Product Net Width	67.5 mm
Product Type	PLC-AC500
Programming Software	Automation Builder
Quote Only	No
RINA Certificate	1SAA960003-0807
RMRS Certificate	1SAA960001-0706
Real-time Clock	Yes
RoHS Date	1231

RoHS Information	1SAA960005-4410
RoHS Status	Following EU Directive 2002/95/EC August 18, 2005 and amendment
SCIP	b371baed-7810-49e1-aaca-b196d9889dff Germany (DE)
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	PM591-ETH:AC500,Prog.Logic Controller 4MB
Stocked At (Warehouses)	Menden, Germany Wickliffe, Ohio, United States Singapore, Singapore Hangzhou, China
Supply Voltage	24 V DC
UL Certificate	1SAA960000-1612
UNSPSC	32151705
WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
cUL Certificate	1SAA960000-1712
cULus Certificate	1SAA960000-1712
eClass	27-24-22-07

## Categories

PLC Automation → Programmable Logic Controllers PLCs → AC500 → CPUs

