



PRODUCT-DETAILS

1SAP150100R0170

PM591-ETH:AC500,Programmable Logic Controller

4MB, 24VDC,ETHERNET,2xRS232/485,FBP SD-Card Slot,LCD Display

Product ID	1SAP150100R0170
ABB Type Designation	PM591-ETH
EAN	4016779649353
Catalog Description	PM591-ETH:AC500,Programmable Logic Controller 4MB, 24VDC,ETHERNET,2xRS232/485,FBP SD-Card Slot,LCD Display
Long Description	PM591-ETH:AC500,Prog.Logic Controller 4M 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
CS31-Bus	1
CSA Certificate	1SAA960000-1712
Communication	Serial and Ethernet interfaces for communication and programming
Communication Interface	Serial/FBP/Ethernet
Communication Speed	Speed for 1000 instructions of Logic = 0.05 0.05 Speed for 1000 instructions of Word = 0.05 0.05 Speed for 1000 instructions of Floating-point = 0.5 0.5
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	4016779649353
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
Instructions and Manuals	2CDC125080M0202
Invoice Description	PM591-ETH:AC500,Programmable Logic Controller 4MB, 24VDC,ETHERNET,2xRS232/485,FBP SD-Card Slot,LCD Display
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	3584 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
Object Classification Code	K
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	54 mm
Product Net Length	76 mm
Product Net Weight	0.15 kg
Product Net Width	68 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
Replacement Product ID (NEW)	1SAP150100R0270
RoHS Information	1SAA960005-4410
RoHS Status	No declaration needed
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 4M
Supply Voltage	24 V DC
UL Certificate	1SAA960000-1612
cUL Certificate	1SAA960000-1712
cULus Certificate	1SAA960000-1712

Categories

PLC Automation → Legacy products → AC500 → CPUs