

# PM581-V14x



PM581:AC500,Prog.Logic Controller 256kB

## General Information

Extended Product Type	PM581-V14x
Product ID	1SAP140100R0200
ABB Type Designation	PM581
EAN	4016779711548
Catalog Description	PM581:AC500,Prog.Logic Controller 256kB
Long Description	PM581:AC500,Prog.Logic Controller 256kB 24VDC,2xRS232/485,FBP,SD-Card Slot LCD Display

## Additional Information

ABB Type Designation	PM581
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 interfaces for communication and programming
Communication Interface	Serial/FiedlBusPlug
Communication Speed	Speed for 1000 instructions of Logic = 0.05 0.05 ms Speed for 1000 instructions of Word = 0.05 0.06 ms Speed for 1000 instructions of Floating-point = 0.5 0.50 ms
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	4016779711548
EPLAN Catalog Tree	Electrical engineering / PLC / General
Environmental Information	1SAA960007-2406
GL Certificate	1SAA960004-0409
GOST Certificate	1SAA962000-2703
Gross Weight	0.2 kg

I/O Option	CPU with Local IO - on I/O-Bus
Instructions and Manuals	2CDC125080M0202
Invoice Description	PM581:AC500,Prog.Logic Controller 256kB
LR Certificate	1SAA960002-0506
Made To Order	No
Maximum Number of Analog I/Os	160AI, 160AO Local, max. 10 expansion modules
Maximum Number of Digital I/Os	320DI, 240DO/DC Local, max. 10 expansion modules
Maximum Operating Altitude Permissible	2000 m
Memory Size User Data	416 kB
Memory Size User Program	256 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	PM581
Product Name	Distributed Automation PLCs
Product Net Height	76 mm
Product Net Length	62 mm
Product Net Weight	0.14 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)	1SAP140100R0100
RoHS Date	1071
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, Programming, Modbus Master or slave, ASCII, CS31 Master
Serial Port 2 Type	RS232 / RS485 configurable, Programming, Modbus Master or slave, ASCII
Short Description	PM581:AC500,Prog.Logic Controller 256kB
Stocked At (Warehouses)	Central Stock Europe SGRDC002EXPU SGIND002EXPU AUABB024EXPU
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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**Categories**

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PLC Automation → Programmable Logic Controllers PLCs → AC500 → CPUs

