

MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

ABB ADVANT AC500

DC523 1SAP240500R0001

CONFIGURABLE DIGITAL I/O MODULE

Used with the applicable AC500 S500 I/O modules configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: ABB official manufacturer documentation

PRODUCT-DETAILS

DC523

DC523:S500,Digital Config.I/O.Mod.24DC



General Information

Extended Product Type	DC523
Product ID	1SAP240500R0001
ABB Type Designation	DC523
EAN	4016779655989
Catalog Description	DC523:S500,Digital Config.I/O.Mod.24DC
Long Description	DC523:S500,Digital Config.I/O.Mod.24DC 24VDC,DI:24VDC,DC:24VDC/0.5A,1/2-wire

Additional Information

ABB Type Designation	DC523
ABS Certificate	1SAA960002-0106
Ambient Air Temperature	Operation 0 ... +60 °C Storage -40 ... +70 °C
BV Certificate	1SAA960003-0204
CN8	85389091
CSA Certificate	1SAA960000-1712
Country of Origin	Germany (DE)
Customs Tariff Number	85389091
DNV Certificate	1SAA960002-0306
Declaration of Conformity - C-Tick	1SAA960000-3302
Declaration of Conformity - CE	1SAD938503-0165
Declaration of Conformity - KCC	1SAA960001-4801

Degree of Protection	IP20
EAN	4016779655989
EPLAN Catalog Tree	Electrical engineering / PLC / General
Environmental Information	1SAA960009-2405
GL Certificate	1SAA960004-0409
GOST Certificate	1SAA962000-2703
Gross Weight	0.2 kg
I/O Option	IO module with Onboard IO - 24DC
Invoice Description	DC523:S500,Digital Config.I/O.Mod.24DC
LR Certificate	1SAA960002-0506
Made To Order	No
Maximum Hardware Counter Input Frequency	50 kHz
Maximum Operating Altitude Permissible	2000 m
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 Analog Configurable I/Os	0
Number of Digital Configurable I/Os	24
Number of Hardware Counters	2
Order Multiple	1 piece
Output Current	0.5 A
Output Voltage (U _{out})	24 V DC
Power Supply	24 V DC
Primary Voltage	24 V DC
Product Depth	72 mm
Product Main Type	DC523
Product Name	Distributed Automation I/Os
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	AC500 Control Builder PS501-PROG
Quote Only	No
RINA Certificate	1SAA960003-0807
RMRS Certificate	1SAA960001-0706
Replaced Product ID (OLD)	1SAP240500R1001
RoHS Date	1080
RoHS Information	1SAA960006-4410
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 2 Type	I/O-Bus
Short Description	DC523:S500,Digital Config.I/O.Mod.24DC
Special Functions	Integrated Fast counter
Stocked At (Warehouses)	Central Stock Europe SGRDC002EXPU SGIND002EXPU JPABB001EXPU 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)
cUL Certificate	1SAA960000-1712
cULus Certificate	1SAA960000-1712

Categories

PLC Automation → Programmable Logic Controllers PLCs → AC500 → S500 I/O modules

