

PRODUCT-DETAILS

# AI523

## AI523:S500, Analog In. Mod. 16AI, U/I/RTD



### General Information

Extended Product Type	AI523
Product ID	1SAP250300R0001
ABB Type Designation	AI523
EAN	4016779655941
Catalog Description	AI523:S500, Analog In. Mod. 16AI, U/I/RTD
Long Description	AI523:S500, Analog In. Mod. 16AI, U/I/RTD 12bit+sign, 24VDC, 2/3-wire

### Additional Information

ABB Type Designation	AI523
ABS Certificate	1SAA960002-0106
Ambient Air Temperature	Operation 0 ... +60 °C Storage -40 ... +70 °C
Analog Inputs	16 channels, 0 ... 20mA, 4 ... 20mA, -10 ... +10V, 0 ... +10V, PT100, NI1000, usable as DI, 12bit + sign
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	1SAD938504-0166

Declaration of Conformity - KCC	1SAA960001-4801
Degree of Protection	IP20
EAN	4016779655941
EPLAN Catalog Tree	Electrical engineering / PLC / PLC input card analog
ETIM 7	EC001420 - PLC analogue I/O-module
ETIM 8	EC001420 - PLC analogue I/O-module
Environmental Information	1SAA960009-2405
GL Certificate	1SAA960004-0409
GOST Certificate	1SAA962000-2703
Gross Weight	0.149 kg
I/O Option	IO module with Onboard IO - 16AI
Invoice Description	AI523:S500,Analog In.Mod.16AI,U/I/RTD
LR Certificate	1SAA960002-0506
Made To Order	No
Maximum Operating Altitude Permissible	2000 m
Maximum Order Quantity	40 piece
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
Order Multiple	1 piece
Power Supply	24 V DC
Primary Voltage	24 V DC
Product Depth	72 mm
Product Main Type	AI523
Product Name	Distributed Automation I/Os
Product Net Height	76 mm
Product Net Length	62 mm
Product Net Weight	0.125 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
RoHS Date	1260
RoHS Information	1SAA960006-4410
RoHS Status	Following EU Directive 2002/95/EC August 18, 2005 and amendment
SCIP	7cb90025-28e2-46bb-94d1-6c5d380058b3 Germany (DE)
Secondary Current	0.2 A
Selling Unit of Measure	piece
Serial Port 2 Type	I/O-Bus
Short Description	AI523:S500,Analog In.Mod.16AI,U/I/RTD
Stocked At (Warehouses)	Menden, Germany Wickliffe, Ohio, United States Singapore, Singapore Hangzhou, China Nelamangala, India
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

27-24-22-02

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## Categories

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

