

PRODUCT-DETAILS

AI531

AI531:S500,Analog Inp.Module 8AI,U/I/RTD



General Information

Extended Product Type	AI531
Product ID	1SAP250600R0001
ABB Type Designation	AI531
EAN	4016779667227
Catalog Description	AI531:S500,Analog Inp.Module 8AI,U/I/RTD
Long Description	AI531:S500,Analog Inp.Module 8AI,U/I/RTD Thermocoupler J,K,T,N,S,15bit+sign 24VDC,2/4-wire

Additional Information

ABB Type Designation	AI531
ABS Certificate	1SAA960002-0106
Ambient Air Temperature	Operation 0 ... +60 °C Storage -40 ... +70 °C
Analog Inputs	8 channels, 0 ... 20mA, 4 ... 20mA, -20 ... +20mA, 0 ... 5V, 0 ... 10V, -50 ... +50mV, -500 ... +500mV, -1 ... +1V, -5 ... +5V, -10 ... +10V, PT100, PT1000, NI1000, Cu50, 0 ... 50kOhm, Strain Gauge, Thermocouple J, K, T, N, S and usable as DI, 15bit + 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	4016779667227
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	0.153 kg
I/O Option	IO module with Onboard IO - 8AI
Invoice Description	AI531:S500,Analog Inp.Module 8AI,U/I/RTD
LR Certificate	1SAA960002-0506
Made To Order	No
Maximum Operating Altitude Permissible	2000 m
Maximum Order Quantity	20 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
Order Multiple	1 piece
Power Supply	24 V DC
Primary Voltage	24 V DC
Product Depth	72 mm
Product Main Type	AI531
Product Name	Distributed Automation I/Os
Product Net Height	76 mm
Product Net Length	62 mm
Product Net Weight	0.128 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	0269
RoHS Information	1SAA960006-4410
RoHS Status	Following EU Directive 2002/95/EC August 18, 2005 and amendment
SCIP	7d9da453-ea65-433e-883f-5be4717a3c69 Germany (DE)
Secondary Current	0.2 A

Selling Unit of Measure	piece
Serial Port 2 Type	I/O-Bus
Short Description	AI531:S500,Analog Inp.Module 8AI,U/I/RTD
Stocked At (Warehouses)	Menden, Germany 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	27-24-22-02

Categories

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

