

PRODUCT-DETAILS

AI512

AI512:S500,Exp.module,8AI,24VDC



General Information

Extended Product Type	AI512
Product ID	1SVP426436R0000
ABB Type Designation	AI512
Catalog Description	AI512:S500,Exp.module,8AI,24VDC
Long Description	AI512:S500,Exp.module,8AI,24VDC 24VDC,12bit+sign,1/2-wire

Technical

Product Name	Distributed Automation I/Os
Supply Voltage	DC 24 V
Primary Voltage	24 V
Secondary Current	0.1 A
Serial Port 2 Type	E-bus
ABB Type Designation	AI512
Product Type	PLC-AC31-40/50
I/O Option	IO module with Onboard IO - 8AI
Mounting on DIN Rail	TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715
Analog Inputs	8 channels, -20 ... +20mA, 0 ... 20mA, 4 ... 20mA, -10 ... +10V, 0 ... +10V, 11bit + sign

Environmental

Ambient Air	Operation 0 ... +55 °C
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Temperature	Storage -25 ... +75 °C
Degree of Protection	IP20
Maximum Operating Altitude Permissible	2000 m
RoHS Status	No declaration needed
Environmental Information	1SAA960003-2401

Dimensions

Product Net Width	102 mm
Product Net Height	112 mm
Product Net Weight	0.15 kg
Product Net Length	79 mm

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85389091
Country of Origin	Germany (DE)
Selling Unit of Measure	piece

Certificates and Declarations (Document Number)

CSA Certificate	1SAA960003-1601
Declaration of Conformity - CE	1SAD938500-0064
Environmental Information	1SAA960003-2401
Instructions and Manuals	2CDC124001M0202
RoHS Information	1SAA960008-4401
UL Certificate	1SAA960003-1601

Popular Downloads

Data Sheet, Technical Information	2CDC124013D0201
Instructions and Manuals	2CDC124001M0202

Classifications

WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Business
CN8	85389091

Categories

Low Voltage Products and Systems → Control Products → Programmable Logic Controllers PLCs → Distributed Automation I/Os
PLC Automation → Legacy products → AC31 and previous series → AC31 I/Os and previous series

