



PRODUCT-DETAILS

AI581-S-XC

Analog input module. Safety. 4SAI, 4 SIL2/SIL3, 4..20mA input 14bit, 24VDC (AI581-S-XC)



General Information	
Extended Product Type	AI581-S-XC
Product ID	1SAP482000R0001
ABB Type Designation	AI581-S-XC
EAN	4016779866163
Catalog Description	Analog input module. Safety. 4SAI, 4 SIL2/SIL3, 4..20mA input 14bit, 24VDC (AI581-S-XC)
Long Description	AI581-S-XC: S500-S Analog input module. Safety. 4SAI, 4 SIL2/SIL3, 4..20mA input 14bit, 24VDC. 2-wire. eXtreme Conditions

Ordering	
CN8	85389091
Invoice Description	Analog input module. Safety. 4SAI, 4 SIL2/SIL3, 4..20mA input 14bit, 24VDC (AI581-S-XC)
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece

Dimensions

Product Net Weight	0.126 kg
Product Net Depth / Length	62 mm
Product Net Height	76 mm
Product Net Width	67.5 mm
Gross Weight	0.156 kg
Package Level 1 Depth / Length	84 mm
Package Level 1 Height	72 mm
Package Level 1 Width	71 mm
Package Level 1 Units	1 carton

Certificates and Declarations

Declaration of Conformity - CE	3ADR980142
REACH Date	20241206
REACH Declaration	3ADR980139
REACH Information	True - contains substances > 0.1 mass percentage
RoHS Date	2013
RoHS Information	3ADR980142
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019

Technical

Function	Safety. 4SAI, 4 SIL2/SIL3, 4...20mA input 14bit, 24VDC
Number of Analog Configurable I/Os	0
Analog Inputs	4
Resolution	Analog Input 14 bit
Degree of Protection	Housing IP20
Safety Integrity Level (SIL)	2
Ambient Air Temperature	Operation -30...+70 °C Storage -40...+85 °C

Additional Information

Product Main Type	AI581
Product Name	Distributed Automation I/Os

External Classifications and Standards

eClass	27-24-22-02
ETIM 8	EC001420 - PLC analogue I/O-module
ETIM 9	EC001420 - PLC analogue I/O-module
ETIM 10	EC001420 - PLC analogue I/O-module
UNSPSC	32151802

Environmental	
SCIP	0140e9ed-132b-4788-9982-9938b07037e5 Germany
WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

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

