ABB ABB Series Service Manual

AI531

1. Description

ABB Analog input module. 8 AI: U, I, RTD, R, TC, DI

3. Product Information

ABB Analog input module. 8 AI: U, I, RTD, R, TC, DI

Extended Product Type AI531

Product ID 1SAP250600R0001

ABB Type Designation AI531

EAN 4016779667227

Catalog Description Analog input module. 8 AI: U, I, RTD, R, TC, DI (AI531)

Long Description AI531: S500 Analog input module. 8 AI: U, I, RTD, R, TC, DI. 16 bit incl. sign. 1..4-wire.

General Information

PRODUCT-DETAILS

Ordering

CN8 85389091

Invoice Description Analog input module. 8 AI: U, I, RTD, R, TC, DI (AI531)

Made To Order No

Minimum Order Quantity 1 piece

Order Multiple 1 piece

Selling Unit of Measure piece

Dimensions

Product Net Weight 0.128 kg

Product Net Depth / 62 mm

Length

Product Net Height 76 mm

Product Net Width 67.5 mm

Gross Weight 0.153 kg

Package Level 1 Depth / 84 mm

Length

Package Level 1 Height 72 mm

Package Level 1 Width 71 mm

Package Level 1 Units 1 carton

Certificates and Declarations

Declaration of 3ADR980140

Conformity - CE

REACH Date 20241206

REACH Declaration 3ADR980139

REACH Information True - contains substances > 0.1 mass percentage

RoHS Date 2009

RoHS Information 3ADR980140

RoHS Status Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019

Technical

Function 8 AI: U, I, RTD, R, TC, DI

Number of Analog 0

Configurable I/Os

Analog Inputs 8

Input Signal U, I, RTD, R, TC, DI

Resolution Analog Input 16 bit

Degree of Protection Housing IP20

Supply Voltage 24 V DC

Operation 0 ... +60 °C

Storage -40 ... +70 °C

Ambient Air

Temperature

Additional Information

Product Main Type AI531

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 32151705