

SIMATIC S7-200 SMART, Analog input SM AR04 RTD, 4xAI RTD module



General information

Product type designation SM AR04, AI RTD 4x16 bit

CiR – Configuration in RUN

Reparameterization possible in RUN No

Supply voltage

Rated value (DC)
 • 24 V DC Yes; -15 / +20 %

Input current

Current consumption, typ. 40 mA
 from backplane bus 5 V DC, typ. 80 mA

Power loss

Power loss, typ. 1.5 W

Analog inputs

Number of analog inputs 4

Input ranges

• Voltage No
 • Current No

- Thermocouple No
- Resistance thermometer Yes
- Resistance Yes

Analog outputs

Number of analog outputs 0

Analog value generation for the inputs

Integration and conversion time/resolution per channel

- Resolution with overrange (bit including sign), max. 16 bit

Dimensions

Width 45 mm

Height 100 mm

Depth 81 mm

Weights

Weight, approx. 150 g

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