

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



General information

Product type designation	SM AR04, AI RTD 4x16 bit
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CiR – Configuration in RUN

Reparameterization possible in RUN	No
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Supply voltage

Rated value (DC)	24 V; -15 / +20 %
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Input current

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

Power loss, typ.	1.5 W
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Analog inputs

Number of analog inputs	4
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Input ranges

- | | |
|----------------|----|
| • Voltage | No |
| • Current | No |
| • Thermocouple | No |

- Resistance thermometer
- Resistance

Yes
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

last modified:

07/01/2020