

SIMATIC S7-200 SMART, analog I/O SM AM06, 2AI/1AO, 0..10V,0..5V, 0/4..20mA, +/-5 V, +/-2.5 V, 12 bit resolution or 4...20 mA, +/-10 V, 11 bit resolution



General information

Product type designation SM AM03, AI 2x12 bit, AQ 1x11 bit

Power loss

Power loss, typ. 1.1 W

Analog inputs

Number of analog inputs 2

Input ranges

- | | |
|--------------------------|-----|
| • Voltage | Yes |
| • Current | Yes |
| • Thermocouple | No |
| • Resistance thermometer | No |
| • Resistance | No |

Analog outputs

Number of analog outputs 1

Analog value generation for the inputs

Integration and conversion time/resolution per channel

• Resolution with overrange (bit including sign),
max.

12 bit

Dimensions

Width	45 mm
Height	100 mm
Depth	81 mm

Weights

Weight, approx. 172 g

last modified: 07/01/2020