

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	
<ul style="list-style-type: none"> <li>• Voltage</li> <li>• Current</li> <li>• Thermocouple</li> <li>• Resistance thermometer</li> <li>• Resistance</li> </ul>	<ul style="list-style-type: none"> <li>Yes</li> <li>Yes</li> <li>No</li> <li>No</li> <li>No</li> </ul>
Analog outputs	
Number of analog outputs	1
Analog value generation for the inputs	
Integration and conversion time/resolution per channel	
<ul style="list-style-type: none"> <li>• Resolution with overrange (bit including sign), max.</li> </ul>	12 bit
Analog value generation for the outputs	
Integration and conversion time/resolution per channel	
<ul style="list-style-type: none"> <li>• Resolution with overrange (bit including sign), max.</li> </ul>	11 bit
Dimensions	
Width	45 mm
Height	100 mm
Depth	81 mm
Weights	
Weight, approx.	172 g

last modified: 3/12/2024 