

SIMATIC S7-200 SMART, Analog input SM AI08, 8 AI, 0...10V, 0...5V, +/-5 V, +/-2.5 V or 0/4-20 mA; 11 bit + sign (12 bit ADC)



General information

Product type designation	SM AI08, AI 8x12 bit
--------------------------	----------------------

CiR – Configuration in RUN

Reparameterization possible in RUN	No
------------------------------------	----

Supply voltage

Rated value (DC)	
• 24 V DC	Yes; -15 / +20 %
permissible range, lower limit (DC)	20.4 V
permissible range, upper limit (DC)	28.8 V

Input current

Current consumption, typ.	60 mA
Current consumption, max.	80 mA
from backplane bus 5 V DC, typ.	61 mA
from backplane bus 5 V DC, max.	80 mA

Power loss

Power loss, typ.	2 W
------------------	-----

Dimensions

Width	45 mm
Height	100 mm
Depth	81 mm

Weights

Weight, approx.	186 g
last modified:	04/12/2019 