

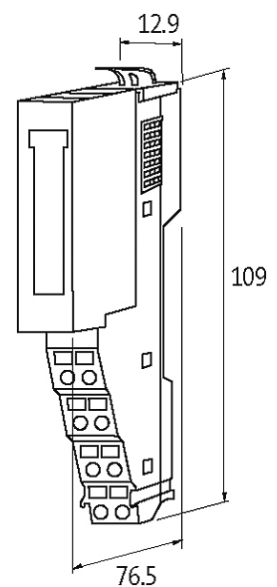
CUBE20S ANALOG INPUT MODULE AI4

4x16Bit R/RTD (0 .. 3000 Ohm) 34 Parameter Bytes

Expansion module

AI4 - (E) RTD

for resistors and temperature

[Link to Product](#)**Illustration**

Product may differ from Image

Approvals



Input

Conversion time (analog)	max. 4.2...324.1 ms, 50 Hz (per channel)
Type	Pt100, Pt1000, Ni100, Ni1000, R 0...3000 Ω
Resolution (analog)	15 Bit + sign
Accuracy	0.7...1.4%
Connection	2-wire (4 input); 3-, 4-wire (2 input)

Internal communication

Module supply	via system connection
Current consumption	max. 75 mA

General data

Protection	IP20
Connection	Spring clamp plug-in terminals: max. 1.5 mm ² (AWG 16)
Mounting method	DIN-rail mountable (EN 60715)
Temperature range	0...+60 °C (storage temperature -25...+70 °C)
Dimensions H × W × D	109×12.9×76.5 mm

Diagnostic

Communication status	via LED
Diagnostic via LED	per module and channel
Diagnostic via BUS	per module
Monitoring - under voltage	yes
Monitoring - no voltage	no
Short-circuit and overload	yes
Wire break upper/lower limit overload	per channel via LED and BUS

Commercial data

country of origin	TH
customs tariff number	85389099
EAN	4048879424035
eClass	27242601
Packaging unit	1