

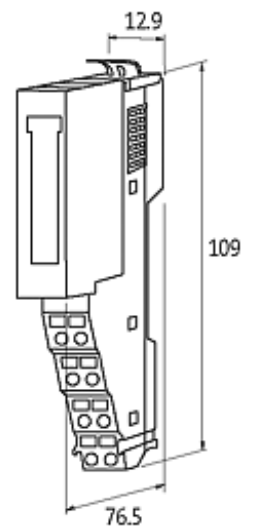
CUBE20S ANALOG INPUT MODULE AI4

4X16BIT (U 0....10 V)

Expansion module

AI4 - (E) U

Voltage

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

Product may differ from Image

Approvals



Input

Conversion time (analog)	480 µs (all channels)
Resolution (analog)	15 Bit + sign
Accuracy	max. ±0.2 %
Connection	Differential voltage input

Internal communication

Module Supply	via system connection
Current consumption	max. 60 mA from system, max. 25 mA externally (UI)

Technical Data

Operating voltage	24 V DC (20.4...28.8 V DC)
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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

Voltage inputs

Input resistor	200 kOhm
Input range	0...10 V DC

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 module via LED and BUS

Commercial data

country of origin	TH
customs tariff number	85389099
minimum order quantity	1