

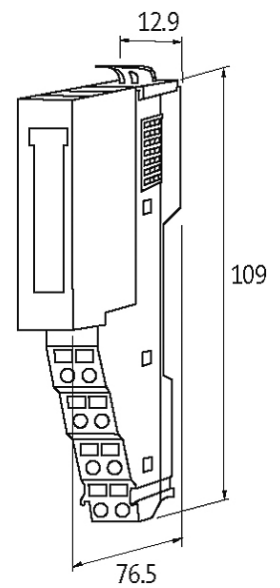
CUBE20S ANALOG INPUT MODULE AI4

4X16Bit (U -10...+10V)

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)

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 x W x D	109x12.9x76.5 mm

Voltage inputs

Input resistor	200 kΩ
Input range	-10 V DC...+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
EAN	4048879423762
eClass	27242601
Packaging unit	1