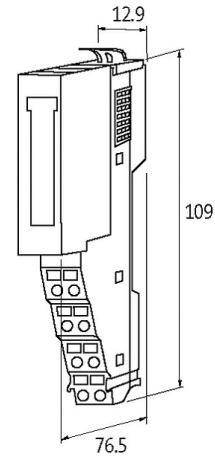


**CUBE20S ANALOG INPUT MODULE AI4**

4X16BIT (U 0...10 V)

Expansion module  
AI4 - (E) U  
Voltage

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

Product may differ from Image

**General data**

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

**Input**

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

**Internal communication**

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

**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
Wire break upper/lower limit overload	per module via LED and BUS
Short-circuit and overload	yes

**Commercial data**

country of origin	TH
customs tariff number	85389099
EAN	4048879423748
eClass	27242601
Packaging unit	1.000