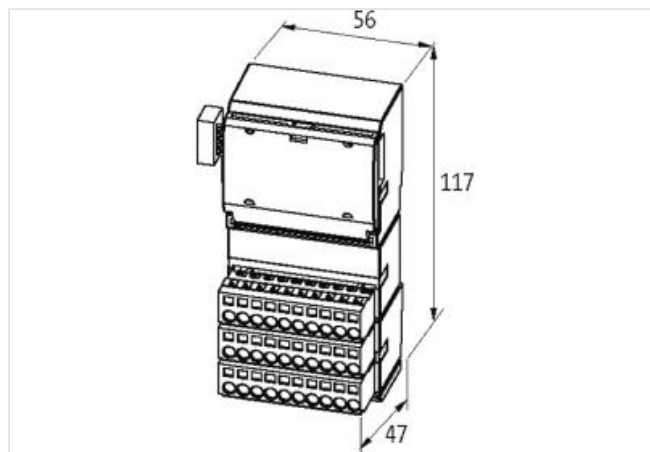


CUBE20 AO4 U/I

Expansion module
AO4 - (E) U/I

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

Product may differ from Image

**General data**

Mounting method	DIN-rail mountable (EN 60715)
Temperature range	0...+55 °C (storage temperature -20...+85 °C)
Protection	IP20
Dimensions H×W×D	117×56×47 mm

Output

Resolution (analog)	15 Bit + sign
Conversion time (analog)	max. 1 ms (per channel)
Galvanic isolation	500 V DC between inputs and internal communication
Accuracy	max. 0.5%

Internal communication

Current consumption	max. 25 mA from system, max. 90 mA externally (UI), idle load
Module supply	via system connection

Voltage output signals

Input range	±10 V DC, 0...10 V DC
Load	min. 1 kΩ, (EN 61131-2)

Current outputs

Input range	0...20 mA, 4...20 mA
Load	max. 60 Ω (EN 61131-2)

Connections

Fieldbus	Ribbon cable connection
Sensor-system/actuator supply	4× spring clamp plug-in terminals, max. 2.5 mm ² (max. 12 A)
I/O ports	24× spring clamp plug-in terminals, max. 2.5 mm ²

Product article number of manufacturer 56220

Diagnostic

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