MURR ELEKTRONIK
stay connected

CUBE20 ANALOG INPUT MODULE

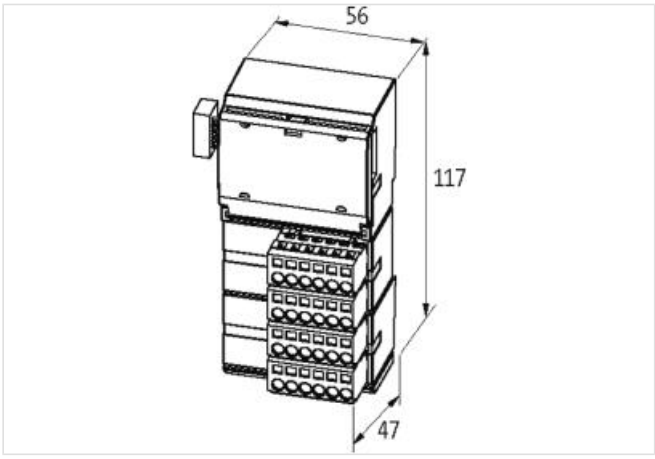
4 analog inputs

for resistors and temperature
AI4 - (E) RTD

Link to Product

Illustration





Product may differ from Image

Commercial data

ECLASS-6.0	27242601
ECLASS-6.1	27242601
ECLASS-7.0	27242601
ECLASS-8.0	27242601
ECLASS-9.0	27242601
ECLASS-10.1	27242601
ECLASS-11.1	27242601
ECLASS-12.0	27242601
ETIM-5.0	EC001596
customs tariff number	85176200
GTIN	4048879049184
Packaging unit	1

Electrical data | Supply

Idle current external max.	70 mA
Current consumption max.	25 mA
Total current UA max.	4 A
Total current US max.	4 A
module supply	via system connection

Electrical data | Input

Type input	1000, Pt100, Ni100, 200, 200, R 0...3000 Ω, 120, 500, 500
Conversion time analog input per channel max.	600 ms

Diagnostics

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Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-03-29

Diagnostic	Under voltage
Diagnostic via BUS	per module and channel
Diagnostic via LED	per module
Short circuit diagnosis	yes
LED display	Ethernet connection/data traffic
Overload diagnosis	yes
Installation	
Connection cross section max.	2,5 mm²
Device protection | Electrical	
Degree of protection (EN IEC 60529)	IP20
Mechanical data | Mounting data	
Mounting method	geschnappt
Suitable for mounting type	mounting rail, (EN 60715)
Height	117 mm
Width	56 mm
Depth	47 mm
Environmental characteristics | Climatic	
Operating temperature min.	0 °C
Operating temperature max.	55 °C
Storage temperature min.	-20 °C
Storage temperature max.	85 °C
Connection type 4	
Connection type 1	X0
Connection type 2	X1
Connection type 3	X2
Connection type 4	X2
Connection	Spring clamp terminals FK
Family construction form	terminal
Gender	female
Color contact carrier	colorless
No. of poles	6
PIN 1	+ R 0
PIN 2	+ R 1
PIN 3	+ R 2
PIN 4	+ R 3
PIN 5	UI
PIN 6	UI
Connection	Spring clamp terminals FK
Family construction form	terminal
Gender	female
Color contact carrier	colorless
No. of poles	6
PIN 1	RL 0
PIN 2	RL 1
PIN 3	RL 2
PIN 4	RL 3
PIN 5	0 V
PIN 6	0 V
Connection	Spring clamp terminals FK
Family construction form	terminal
Gender	female
Color contact carrier	colorless

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No. of poles	6
PIN 1	FE
PIN 2	FE
PIN 3	FE
PIN 4	FE
PIN 5	0 V
PIN 6	0 V
Connection	Spring clamp terminals FK
Family construction form	terminal
Gender	female
Color contact carrier	colorless
No. of poles	6
PIN 1	- R 0
PIN 2	- R 1
PIN 3	- R 2
PIN 4	- R 3
PIN 5	0 V
PIN 6	0 V

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