



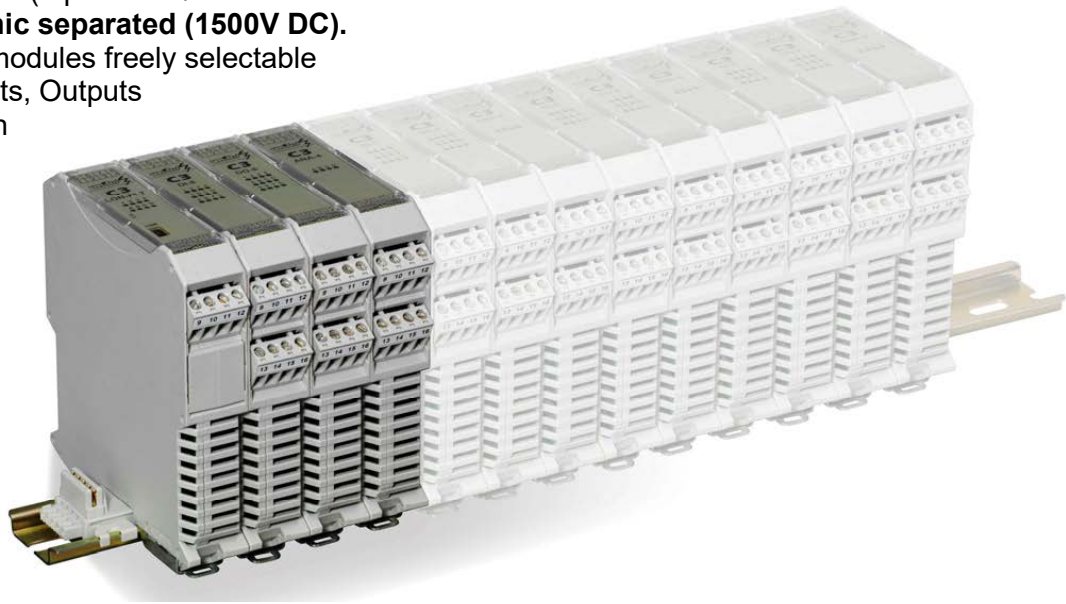
since 1971  
the power to control

## C3 analog IN + OUT for DIN Rail mounting

### Type designation:

#### **C3-ANA-4 GT**

4 analog channels (Inputs and / or Outputs), **galvanic separated (1500V DC)**.  
With pluggable modules freely selectable the types of Inputs, Outputs for operation with C3 bus coupler



### Controls and displays

- Bright LEDs for status display
- Dip-switch for the termination of the rail-bus

### Parameterization of C 3 I/O modules via the C3 bus coupler

- Via Mini USB interface and software from Windows 7 Pro
- E.g. Delta, ...

### Power supply

- Via DIN-rail-bus

### Electrical characteristics

- 4 analog channels, **galvanic separated (1500V DC)**, with pluggable modules freely selectable:
 

Inputs:	0/4-20mA	input resistance:	56Ω
	0-10V	input resistance:	1MΩ
	PT100		2 wire / 3 wire / 4 wire
Outputs:	0/4-20mA	max. 400Ω	
	0-10V	min. 1kΩ, max. 10 EVG (Osram Quicktronic)	
- Resolution **14bit**, sample rate: approx. **6Hz**, error range: **< 0,01%**

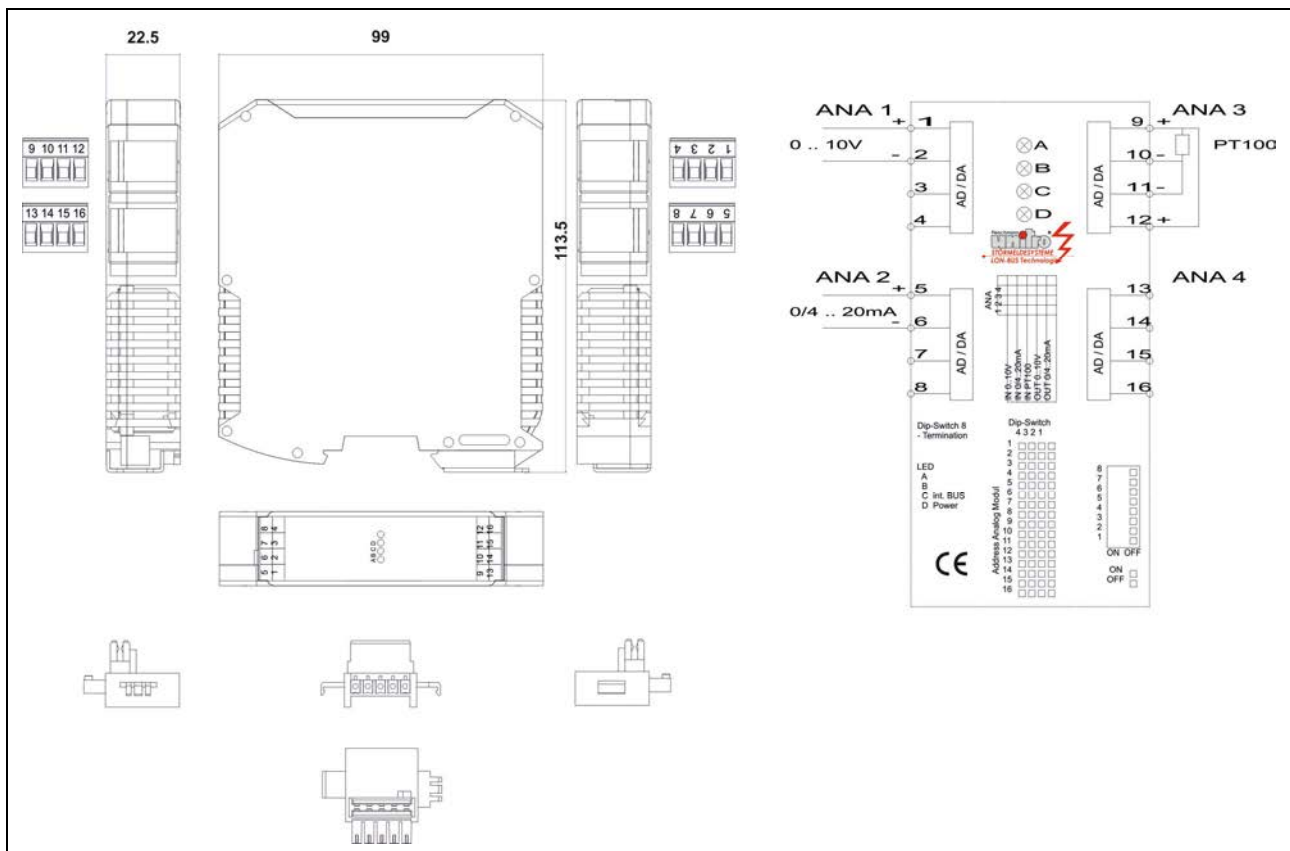
### Mechanical characteristics

- Compact Snap-on plastic housing (polyamide) 22,5 x 99 x 113,5mm with DIN-rail-bus
- Screw-type terminals, plug connection for connection max. 2,5mm<sup>2</sup>

### Extensions

- Maximum total of 12x C3 I/O modules can be connected per bus coupler (from that max. 2x C3 ana GT)

## Connection diagram C3 analog GT



### Technical data:

1. Type of construction:  
snap-on plastic housing (polyamide)  
with DIN-rail-bus 22,5 x 99 x 113,5mm
2. Degree of protection:  
IP20
3. Weight:  
approx. 150g
4. Climatic conditions:  
in accordance with UNITRO-Standard
5. Connection:  
screw-type terminals/ plug connection  
max. 2,5mm<sup>2</sup>
6. Supply voltage:  
via DIN-rail-bus
7. Analog channels (plug-in cards):  
4 analog channels, **galvanic separated (1500V DC)**, with pluggable modules  
freely selectable:  
inputs: 0/4-20mA input resistance: 56Ω  
0-10V input resistance: 1MΩ  
PT100 2 wire / 3 wire / 4 wire  
outputs: 0/4-20mA max. 400Ω  
0-10V min. 1kΩ, max. 10 EVG
8. LED-display:  
see connection diagram
9. Resolution per channel:  
**14bit**
10. Error range:  
**< 0,01%**
11. Sample rate:  
approx. 6Hz
12. Parameterization:  
via **mini USB-interface** on the Bus  
coupler, connected with the DIN-rail-  
bus: e.g. Delta, ...
13. Leakage distances and clearances:  
in accordance with UNITRO-Standard
14. EMC, immunity of interference:  
UNITRO-Standard,  
in accordance with EN 61000