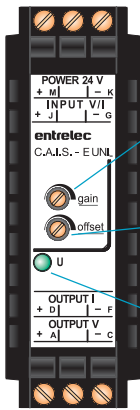


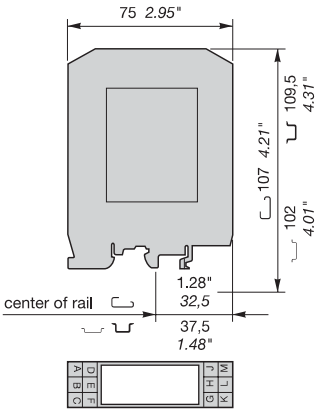
Analog signal converters C.C. C.A.I.S. - E series 11 000



Gain: Potentiometer for amplification adjustment ¹⁾

Offset: Potentiometer for offset adjustment ¹⁾

U: Supply voltage, green LED



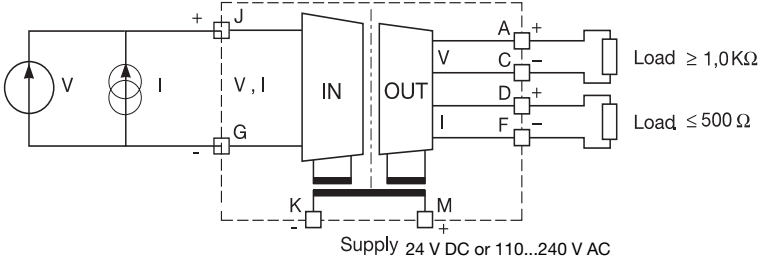
¹⁾ Gain and Offset potentiometers are only available on the universally configurable device.

Technical data

Input circuit J - G	
Input signal	Current
Limitation of input signals	0...20 mA / 4...20 mA
Setting range gain (C.A.I.S. - E UNI)	± 5 %
Setting range offset (C.A.I.S. - E UNI)	± 5 %
Input impedance	50 Ω
Output circuits D - F A - C	
Output signal	Current
Output load	0...20 mA / 4...20 mA
Accuracy	≤ 500 Ω
Temperature coefficient	0.5 % of the final value
Residual ripple	± 500 ppm / °C
Response time	< 0.5 %
Transmission frequency	200 μs
Reaction to an open input circuit	2 KHz
Supply circuit K - M	
Supply voltage	24 V DC
Supply voltage tolerance	-15 % ... + 15 %
Power consumption	typ 60 mA
Display of operational status	
Supply voltage	V
LED green	
General data	
Testing voltage between all isolated circuits	2.5 kV AC
Operating temperature range	0 °C ... +60 °C
Storage temperature range	-20 °C ... +80 °C
Degree of protection to DIN 40050	IP 20
Mounting position	Ventilating slots at bottom and top
Mounting on DIN-rail (EN 50022 and EN 50035)	Snap-on mounting
Cable size single-wire/fine-strand	4 mm ² (12 AWG) / 2.5 mm ² (14 AWG)
Accessories	
R See section on markers	
Type of marker	21 Marker strips RB 5 A

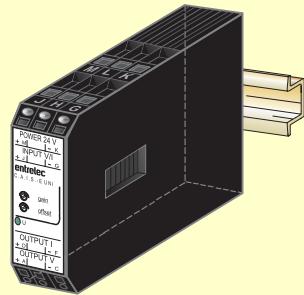
Analog signal converters with 3-way electrical isolation for standard signals (0...5 V, 0...10 V, 0...20 mA, 4...20 mA) C.A.I.S. - E UNI

Width 22.5 mm .886"



Approvals:  LISTED UL1604 Class I and II, Div. 2

- Analog signal converter with 3-way electrical isolation for conditioning of standard signals
- C.A.I.S. - E UNI, a universally configurable converter, features gain and offset adjustments
- Nine single function analog converters also available
- Plug and Play, single function converters do not require adjustments
- 24 V DC supply voltage
- CE certified
- Optimal price/performance ratio



Type:	Input signal:	Output signal:	P/N 24 V DC	P/N 110...240 V AC
C.A.I.S. - E UNI Single Function	0...5 V, 0...10 V, 0...20 mA, 4...20 mA	0...5 V, 0...10 V, 0...20 mA, 4...20 mA	0 011 700 00	0 011 705 21
C.A.I.S. - E V/V	0...10 V	0...10 V	0 011 710 21	0 011 720 23
C.A.I.S. - E V/I		0...20 mA	0 011 711 16	0 011 721 10
C.A.I.S. - E V/I		4...20 mA	0 011 712 17	0 011 722 11
C.A.I.S. - E I/V		0...10 V	0 011 713 10	0 011 723 12
C.A.I.S. - E I/I	0...20 mA	0...20 mA	0 011 714 11	0 011 724 13
C.A.I.S. - E I/I		0...20 mA	0 011 715 12	0 011 725 14
C.A.I.S. - E I/V		4...20 mA	0 011 716 13	0 011 726 15
C.A.I.S. - E I/I		0...20 mA	0 011 717 14	0 011 727 16
C.A.I.S. - E I/I	4...20 mA	4...20 mA	0 011 718 25	0 011 728 27
C.A.I.S. - E I/I		4...20 mA	0 011 719 26	0 011 729 20
C.A.I.S. - E V/V		-10...+10 V		

Dip-switch configuration for C.A.I.S. - E UNI

Input	Output	Switch							
		1	2	3	4	5	6	7	8
0...5 V	0...5 V								
0...5 V	0...10 V								
0...5 V	0...20 mA								
0...5 V	4...20 mA								
0...10 V	0...5 V								
0...10 V	0...10 V								
0...10 V	0...20 mA								
0...10 V	4...20 mA								
0...20 mA	0...5 V								
0...20 mA	0...10 V								
0...20 mA	0...20 mA								
0...20 mA	4...20 mA								
4...20 mA	0...5 V								
4...20 mA	0...10 V								
4...20 mA	0...20 mA								
4...20 mA	4...20 mA								

Legend	
	ON
	OFF