

MINI MCR-SL-U-I-4

Tilausnumero: 2813525

Illustration shows the product MINI MCR-SL-U-I-O



<http://eshop.phoenixcontact.fi/phoenix/treeViewClick.do?UID=2813525>

MCR 3-way isolating amplifier, for electrical isolation of analog signals, with screw connection, input signal: 0 V ... 10 V, output signal: 4 mA ... 20 mA



Kaupalliset tiedot	
Nettohinta	92,0250 EUR / 1
EAN	
Pakkaus	1 kpl.
Tullitariffi	85437090
Gross weight in pieces	0,0711 kg
Tuoteluettelossa	Sivu 357 (IF-2011)

Tuotekohtaiset lisätiedot

WEEE/RoHS-yhteensopiva seuraavasta päivästä lähtien: 11.04.2006



Huomioithan, että tiedot on otettu online-luettelosta. Täydelliset tekniset tiedot voit ladata osoitteesta <http://www.download.phoenixcontact.com>. Yleiset toimitus- ja käyttöehdot koskevat myös Internet-latauksia.

Tekniset tiedot	
Input data	
Configurable/programmable	No
Voltage input signal	0 V ... 10 V
Max. input voltage	30 V
Input resistance of voltage input	Approx. 100 kΩ

Output data

Configurable/programmable	No
Current output signal	4 mA ... 20 mA
Max. output current	28 mA
Load/output load current output	$\leq 500 \Omega$

Power supply

Nominal supply voltage	24 V DC
Supply voltage range	19.2 V DC ... 30 V DC (to bridge the supply voltage, the DIN rail connector (ME 6,2 TBUS-2 1,5/5-ST-3,81 GN, Order No. 2869728) can be used. It can be snapped onto a 35 mm DIN rail according to EN 60715)
Max. current consumption	< 20 mA
Power consumption	< 480 mW

Connection data

Connection method	Screw connection
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	12
Stripping length	12 mm
Screw thread	M3

General data

No. of channels	1
Width	6.2 mm
Height	93.1 mm
Depth	102.5 mm
Maximum transmission error	$\leq 0.1 \%$ (of final value)
Maximum temperature coefficient	< 0.01 %/K
Temperature coefficient, typical	< 0.002 %/K
Limit frequency (3 dB)	Approx. 100 Hz
Step response (10-90%)	Approx. 3.5 ms
Ambient temperature (operation)	-20 °C ... 65 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C

Degree of protection	IP20
Electrical isolation	Basic insulation according to EN 61010
Surge voltage category	II
Pollution degree	2
Rated insulation voltage	50 V AC/DC
Test voltage, input/output/supply	1.5 kV (50 Hz, 1 min.)
Electromagnetic compatibility	Conformance with EMC Directive 2004/108/EC
Noise emission	EN 61000-6-4
Color	green
Housing material	PBT
Mounting position	Any
Assembly instructions	The DIN rail bus connector (TBUS) can be used for bridging the supply voltage. It can be snapped onto a 35 mm EN 60715 DIN rail.
Conformance	CE-compliant
ATEX	Ex II 3 G Ex nA IIC T4 Gc X
UL, USA / Canada	UL 508 Recognized
	Class I, Div. 2, Groups A, B, C, D T5 applied for
GL	GL EMC 2 D

Sertifikaatit

Certification	CUL, GL, UL
Certification Ex:	PxC-EX

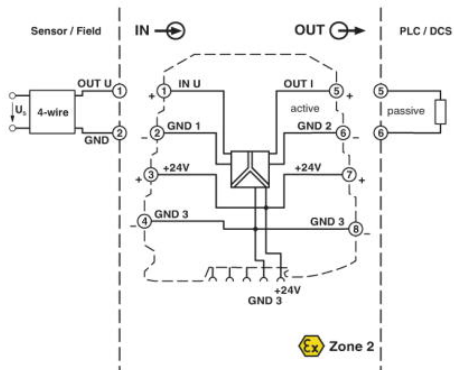
Lisätarvikkeet

Tuote	Merkintä	Kuvaus
General		
2869728	ME 6,2 TBUS-2 1,5/5-ST-3,81 GN	DIN rail connector (TBUS), 5-pos., for bridging the supply voltage, can be snapped onto NS 35/... DIN rails according to EN 60715
2864134	MINI MCR-SL-PTB	MCR power terminal block for supplying several MINI Analog modules via the DIN rail connectors, with screw connection, current consumption up to max. 2 A
2864147	MINI MCR-SL-PTB-SP	MCR power terminal block for supplying several MINI-ANALOG modules via the DIN rail connectors, with spring-cage connection, current consumption up to max. 2 A

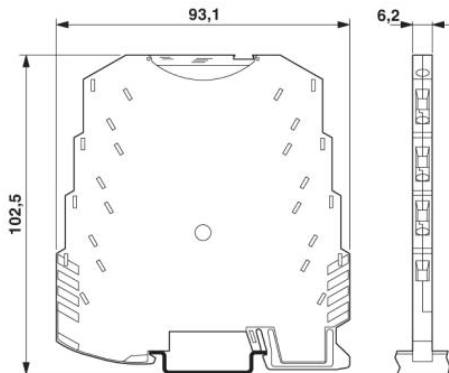
2866653	MINI-PS-100-240AC/24DC/1.5/ EX	DIN rail power supply unit, primary-switched mode, slim design, output: 24 V DC / 1.5 A, ATEX approval
2866983	MINI-SYS- PS-100-240AC/24DC/1.5	DIN rail power supply unit, primary-switched mode, slim design, output: 24 V DC / 1.5 A

Piirrokset

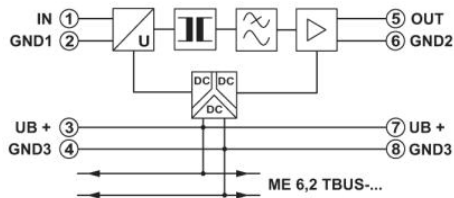
Block diagram



Dimensioned drawing



Circuit diagram



Connection data incl. use groups



Osoite

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Tekniset modifikaatiot mahdollisia;