

MCR-FL-C-UI-UI-B-DCI-24/230

Order No.: 2864325

The illustration shows a version of the product



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Configurable 3-way isolating amplifier in bipolar version, standard signal range +/-20 mA or +/-10 V

Commercial data	
GTIN (EAN)	4017918976361
sales group	H500
Pack	5 pcs.
Customs tariff	85437090
Weight/Piece	0.1055 KG
Catalog page information	Page 310 (IF-2007)

Product notes

WEEE/RoHS-compliant since:
09/12/2007



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Technical data

Input data

Description of the input	Current input
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Current input signal	0 mA ... 20 mA
	0 mA ... 10 mA
	4 mA ... 20 mA
	2 mA ... 10 mA
	-20 mA ... 20 mA
	-10 mA ... 10 mA
Max. input current	≤ 100 mA
Input resistance current input	Approx. 25 Ω
Description of the input	Voltage input
Voltage input signal	0 V ... 10 V
	0 V ... 5 V
	2 V ... 10 V
	1 V ... 5 V
	-10 V ... 10 V
	-5 V ... 5 V
Max. input voltage	≤ 30 V
Input resistance of voltage input	Approx. 1 M Ω
Output data	
Voltage output signal	0 V ... 10 V
	0 V ... 5 V
	2 V ... 10 V
	1 V ... 5 V
	-10 V ... 10 V
	-5 V ... 5 V
Current output signal	0 mA ... 20 mA
	0 mA ... 10 mA
	4 mA ... 20 mA
	2 mA ... 10 mA
	-20 mA ... 20 mA
	-10 mA ... 10 mA
Max. output voltage	15 V
Max. output current	35 mA
Load/output load voltage output	> 10 k Ω
Load/output load current output	≤ 600 Ω

Power supply

Range of supply voltages	24 V AC/DC ... 230 V AC/DC
Max. current consumption	60 mA (Without load current)
Power consumption	Approx. 2 VA (AC) Approx. 1 W (DC)

Connection data

Type of connection	Pluggable 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.	24
Conductor cross section AWG/kcmil max	14
Stripping length	8 mm
Screw thread	M3

General data

Width	12.5 mm
Height	99 mm
Depth	114.5 mm
Transmission error, max.	≤ 0.1 % (of end value)
Maximum temperature coefficient	0.01 %/K
Limit frequency (3 dB)	(8 kHz / 30 Hz switchable)
Frequency measuring range	48 Hz ... 62 Hz
Alignment zero	± 15 %
Alignment span	± 15 %
Step response (10-90%)	30 µs (At 8 kHz) 15 ms (At 30 Hz)
Ambient temperature (operation)	-20 °C ... 65 °C
Degree of protection	IP20
Emitted interference	EN 61000-6-4
Immunity to interference	EN 61000-6-2:2005
Color	green
Housing material	Polyamide PA non-reinforced
Mounting position	Any
Conformity	CE compliant

Certificates / Approvals



Certification

CUL, UL

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