

Converter - MCR-DAC 8-U-10-BUS - 2808190

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MCR 8-bit digital/analog converters, with flat-ribbon cable connection and COMBICON connector, pitch 5.08 mm, output signal 0..10 V

The figure shows version MCR-DAC 8-U-5-BUS



Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 075545
GTIN	4017918075545
Weight per Piece (excluding packing)	145.000 g
Custom tariff number	85389091
Country of origin	Germany
Note	Made to Order (non-returnable)

Technical data

Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
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Dimensions

Width	25 mm
Height	79 mm
Depth	93 mm

Ambient conditions

Ambient temperature (operation)	0 °C ... 55 °C
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Input data

Input signal	8 bit (1 leading sign)
Input voltage range	24 V DC ... 30 V DC

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Technical data

Input data

Signal level "1" signal	$\geq 15 \text{ V DC}$
Signal level "0" signal	$\leq 2 \text{ V DC}$
Max. input current	$\leq 1 \text{ mA}$
Input resistance	$\geq 5.7 \text{ k}\Omega$
Type of protection	Surge protection
Protective circuit/component	Suppressor diode, 36 V / 1500 W

Output data

Output current	5 mA
Output name	Voltage output
Voltage output signal	0 V ... 10 V
Load/output load voltage output	$\geq 2 \text{ k}\Omega$
Resolution, outputs (voltage)	approx. 39 mV
D/A conversion time	$\leq 25 \mu\text{s}$

Power supply

Nominal supply voltage	24 V DC $\pm 10 \%$
Supply voltage range	22 V DC ... 26 V DC
Max. current consumption	20 mA

General

Maximum transmission error	$\pm 1 \text{ LSB}$, for 25°C
Protective circuit	Protection against polarity reversal, suppressor diode
Color	green
Housing material	Polyamide PA non-reinforced
Mounting position	any
Conformance	CE-compliant

Standards and Regulations

Conformance	CE-compliant
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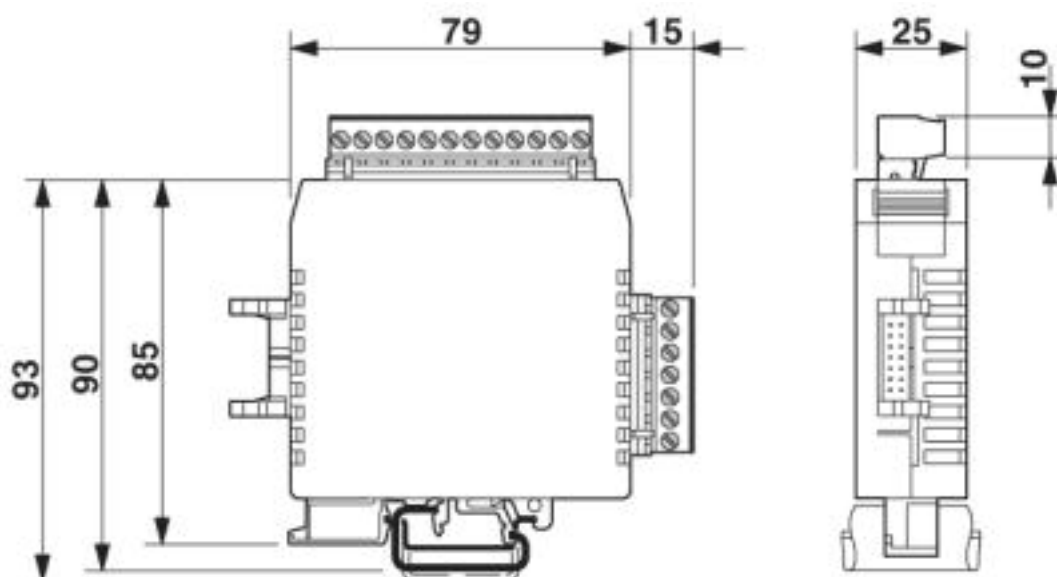
Environmental Product Compliance

	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

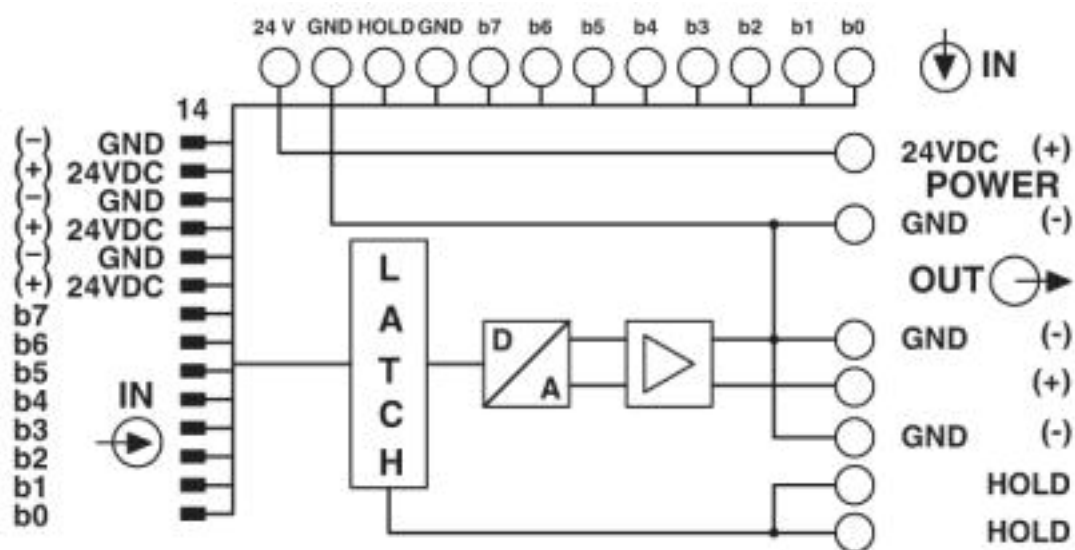
Drawings

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Dimensional drawing



Circuit diagram



Classifications

eCl@ss

eCl@ss 10.0.1	19179290
eCl@ss 4.0	27230200
eCl@ss 4.1	27230200
eCl@ss 5.0	27230200
eCl@ss 5.1	27230200
eCl@ss 6.0	19179200

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Classifications

eCl@ss

eCl@ss 7.0	19179290
eCl@ss 8.0	19179290
eCl@ss 9.0	19179290

ETIM

ETIM 2.0	EC001440
ETIM 3.0	EC001440
ETIM 4.0	EC001440
ETIM 5.0	EC000310
ETIM 6.0	EC000310
ETIM 7.0	EC000310

UNSPSC

UNSPSC 6.01	30211506
UNSPSC 7.0901	39121008
UNSPSC 11	39121008
UNSPSC 12.01	39121008
UNSPSC 13.2	43222604
UNSPSC 19.0	43222604

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC		RU C- DE.A*30.B.01082
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