

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 illustration shows version MCR-DAC 8-U-5-BUS



Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 075545
Weight per Piece (excluding packing)	140.7 g
Custom tariff number	85389091
Country of origin	Germany

Technical data

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
Signal level "1" signal	≥ 15 V DC
Signal level "0" signal	≤ 2 V DC

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Technical data

Input data

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

Connection data

Connection method	Flat-ribbon cable connection and COMBICON connector (pitch 5.08 mm)
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	14
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	2.5 mm ²
Stripping length	8 mm
Screw thread	M3

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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Classifications

eCl@ss

eCl@ss 4.0	27230208
eCl@ss 4.1	27230208
eCl@ss 5.0	27230208
eCl@ss 5.1	27230208
eCl@ss 6.0	27230208
eCl@ss 7.0	27230208
eCl@ss 8.0	19179290

ETIM

ETIM 2.0	EC001440
ETIM 3.0	EC001440
ETIM 4.0	EC001440
ETIM 5.0	EC000310

UNSPSC

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

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approvals submitted

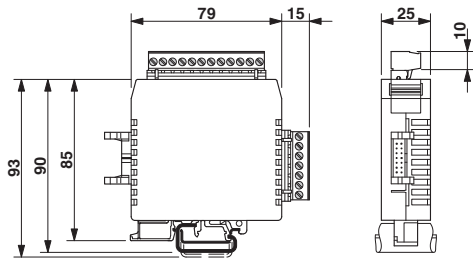
Approval details

EAC

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Drawings

Dimensional drawing



Circuit diagram

