

Converter - MCR-DAC 8-I- 4-BUS - 2808226

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MCR 8-bit digital/analog converters, with flat-ribbon cable connection and COMBICON connector, pitch 5.08 mm, output signal 4..20 mA

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



Key Commercial Data

Packing unit	1 STK
GTIN	 4 017918 075576
GTIN	4017918075576

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
Signal level "1" signal	≥ 15 V DC
Signal level "0" signal	≤ 2 V DC
Max. input current	≤ 1 mA
Input resistance	≥ 5.7 kΩ

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Technical data

Input data

Type of protection	Surge protection
Protective circuit/component	Suppressor diode, 36 V / 1500 W

Output data

Output current	5 mA
Output name	Current output
Current output signal	4 mA ... 20 mA
Load/output load current output	≤ 500 Ω
Resolution, outputs (current)	63 µA
D/A conversion time	≤ 50 µs

Power supply

Nominal supply voltage	24 V DC ±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	± 1 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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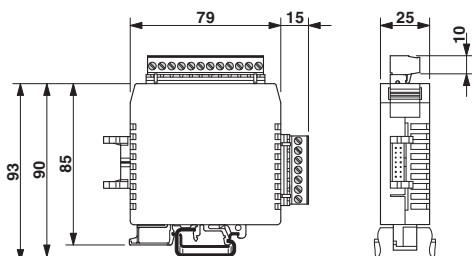
Environmental Product Compliance

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

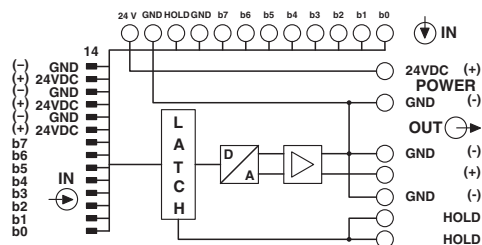
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Drawings

Dimensional drawing



Circuit diagram



Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

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