RS D8-U +-10V

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Do not use product for new developments, Only remaining stock available



D/A converters convert digital signals into analogue signals.
They are used for converting 8-bit digital signals into standardised analogue current and voltage signals.
D/A converters are very well suited for use in monitoring processes.

General ordering data

Version	DA converter, Input : 8-bit pulse, Output : -10...0...+10 V
Order No.	1123361001
Type	RS D8-U +-10V
GTIN (EAN)	4032248103911
Qty.	1 pc(s).
Delivery status	This article will no longer be available in the future.
Available until	2022-06-30

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Technical data

Dimensions and weights

Height	72 mm	Height (inches)	2.835 inch
Width	35 mm	Width (inches)	1.378 inch
Length	70 mm	Length (inches)	2.756 inch
Net weight	74 g		

Temperatures

Storage temperature	-40 °C...80 °C	Operating temperature	0 °C...50 °C

Input

Input resistance, voltage	50 kΩ per input	Number of inputs	8-bit (1-bit signed)
Rated input level	5...24 V DC = High, 0 V DC = Low, max. 30 V = High		

Output

Conversion time	≤ 30 µs	Number of outputs	1
Offset voltage	≤ 20 mV	Output current	≤ 10 mA max. current
Output voltage, note	-10...+10 V	load impedance voltage	≥ 1 kΩ

General data

Accuracy	± 1 LSB	Configuration	none
Current consumption	25 mA (plus output current)	Galvanic isolation	Without isolation
Rail	TS 35, TS 32	Voltage supply	24 V DC

Insulation coordination

EMC standards	EN 61000-6	Galvanic isolation	Without isolation

Connection data

Type of connection	Screw connection	Clamping range, rated connection	4 mm²
Clamping range, min.	0.5 mm²	Clamping range, max.	4 mm²

Classifications

ETIM 6.0	EC002653	ETIM 7.0	EC002653
ETIM 8.0	EC002653	ETIM 9.0	EC002653
ECLASS 9.0	27-21-01-20	ECLASS 9.1	27-21-01-90
ECLASS 10.0	27-21-01-20	ECLASS 11.0	27-21-01-20
ECLASS 12.0	27-21-01-20	ECLASS 13.0	27-21-01-20

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	7b5ffb72-271d-4c73-8b09-bd0aaee3697a

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Technical data

Approvals

Approvals	
ROHS	Conform

Downloads

Approval/Certificate/Document of Conformity	Application notes – Declaration of Conformity
User Documentation	Device description – IS RS 8BIT ADC DAC Instruction sheet
Catalogues	Catalogues in PDF-format

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Drawings

Electric symbol

