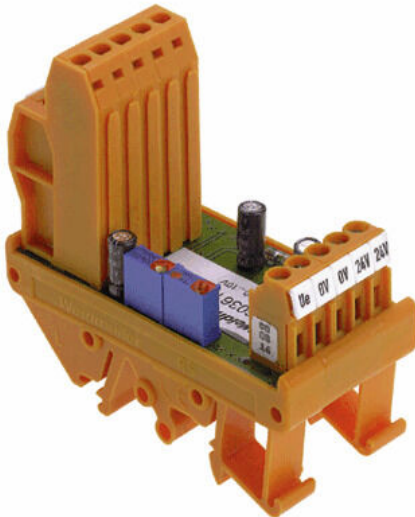


Product is no longer available, Data sheet for information only



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 items |
| Delivery status | Discontinued |
| Available until | 2022-06-30T00:00:00+02:00 |

RS D8-U $\pm 10V$

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

www.weidmueller.com

Technical data

Approvals

Approvals



ROHS Conform

Dimensions and weights

| | | | |
|------------|-------|-----------------|-------------|
| Depth | 72 mm | Depth (inches) | 2.8346 inch |
| Width | 35 mm | Width (inches) | 1.378 inch |
| Length | 70 mm | Length (inches) | 2.7559 inch |
| Net weight | 74 g | | |

Temperatures

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

Environmental Product Compliance

| | |
|--------------------------------------|--------------------------------------|
| RoHS Compliance Status | Compliant with exemption |
| RoHS Exemption (if applicable/known) | 6c, 7a, 7cl |
| REACH SVHC | Lead 7439-92-1 |
| SCIP | 7b5ffb72-271d-4c73-8b09-bd0aaee3697a |

Input

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

Output

| | | | |
|----------------------|--------------|------------------------|---------------------------|
| Number of outputs | 1 | load impedance voltage | ≥ 1 k Ω |
| Offset voltage | ≤ 20 mV | Conversion time | ≤ 30 μ s |
| Output voltage, note | -10...+10 V | Output current | ≤ 10 mA max. current |

General data

| | | | |
|----------------|--------------|---------------------|-----------------------------|
| Accuracy | ± 1 LSB | Protection degree | IP00 |
| Supply voltage | 24 V DC | Current consumption | 25 mA (plus output current) |
| Mounting rail | TS 35, TS 32 | Configuration | none |

Insulation coordination

| | | | |
|---------------|------------|--------------------|-------------------|
| EMC standards | EN 61000-6 | Galvanic isolation | Without isolation |
|---------------|------------|--------------------|-------------------|

Connection data

| | | | |
|----------------------|---------------------|----------------------------------|-------------------|
| Type of connection | Screw connection | Clamping range, rated connection | 4 mm ² |
| Clamping range, min. | 0.5 mm ² | Clamping range, max. | 4 mm ² |

Technical data

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC002653 | ETIM 9.0 | EC002653 |
| ETIM 10.0 | EC002653 | ECLASS 14.0 | 27-21-01-20 |
| ECLASS 15.0 | 27-21-01-20 | | |

Drawings

Electric symbol

