

Rottweil, 20.03.2023

Voltage Converter (reference voltage)-Relay (1.038.300.xxE)

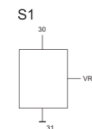
The voltage converter outputs a stabilised reference voltage (5V or 12V). This can be used to supply sensors. Because of the integrated regulator, the voltage converter can be used in a voltage range of 9-32V.

Product images

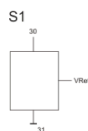
1. Voltage Converter (reference voltage)-Relay



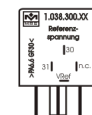
4. Connection Diagram



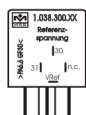
2. Connection Diagram



5. Design



3. Design





MRS Electronic GmbH & Co. KG
Klaus-Gutsch-Str. 7
78628 Rottweil
info@mrs-electronic.com
Tel.: +49 741 2807-0
www.mrs-electronic.com

General Data

| Name | Value |
|------------------|-----------------|
| Dimensions | 30 × 30 × 30 mm |
| Housing material | Plastic |
| Number of pins | 4 |

Technical Data

| Name | Value |
|--------------------|------------------------------------------|
| Number of pins | 4 |
| Temperature range | -40 to 85 °C |
| Protection class | IP53 |
| Current limit Vref | 500 mA |
| output voltage | 5 V/12 V |
| Operating voltage | 9-32V (5V version), 18-32V (12V version) |

Order options

| Name | Type | Connection diagram | Order no. |
|------------------------|------|--------------------|---------------|
| Reference voltage 5 V | A | S1 | 1.038.300.05E |
| Reference voltage 12 V | A | S1 | 1.038.300.12E |

Accessories

| Required accessories | Article number |
|---------------------------------------------------------------|----------------|
| Socket ST FL 9-pin 5 x 6.3 / 4 x 2.8 | 1.017.002.00 |
| FASTON terminal for latching 6.3 mm 1.5 – 2.5 mm ² | 103064 |
| FASTON terminal for latching 6.3 mm 1 mm ² | 102355 |