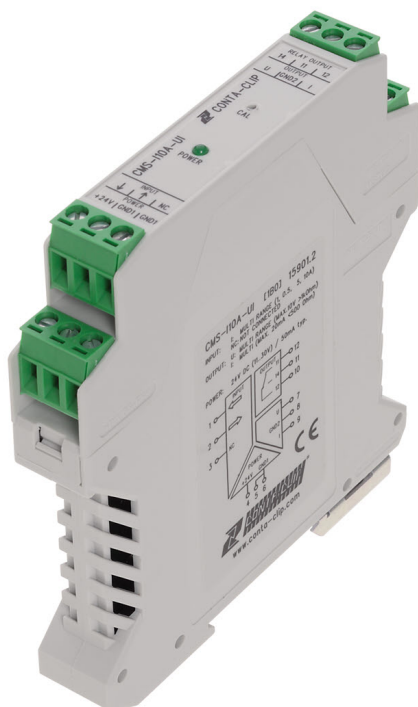


# Data sheet

## 15901.2 CMS-I10A-UI



Signal converter for converting current signals up to 10 A to an analogue standard signal, 3-way electrical isolation, Screw connection, Mounting type: Mounting rail TS 35, Supply voltage: 24 VDC

### Business data

Article number	<u>15901.2</u>
Article name	CMS-I10A-UI
GTIN (EAN)	4044211142131
Packaging unit	1
Quantity unit	PC
Weight per piece (not including packaging)	130 g
Weight per piece (including packaging)	161 g
Unit of weight	G
Customs number	85423190
Country of origin	NL
Product description	Converter unit

### Technical data

#### Dimensions

Length	99 mm
Width	17.5 mm
Height	114.5 mm

#### Ratings

Overvoltage category	III
Contamination degree	2

#### Connection data

Connection principle	Screw connection
Wire cross-section single core (rigid), min.	0.2 mm <sup>2</sup>
Wire cross-section single-core (rigid), max.	2.5 mm <sup>2</sup>
Wire cross-section stranded, min.	0.2 mm <sup>2</sup>
Wire cross-section stranded, max.	2.5 mm <sup>2</sup>
Wire cross-section stranded with wire-end ferrules, min.	0.2 mm <sup>2</sup>
Wire cross-section stranded with wire-end ferrules, max.	2.5 mm <sup>2</sup>
Stripping length	7 mm
Torque	0.6 Nm

#### Input data

Input signal U/I, max.	250 VAC/DC / 10A
Input signals adjustable via DIP switch	1
Measuring principle	True RMS / Arithmetic mean
AC input frequency	45 - 65 Hz

#### Output data

Continuous current (resistive load), max.	3 A
Output signal adjustable via DIP switch	✓
Load resistance U	>1K Ohm
Relay contact	yes
Load resistance I	<600 Ohm
Offset I	20 µA
Offset U	<10 mV
Output signal I, max.	22 mA
Output signal U, max.	11 V

### Technical data

#### Materials

Working temperature, min.	-20 °C
Working temperature, max.	55 °C
Temperature coefficient	<0,05% / K °C

#### Further technical data

Power supply	24 V ± 25% -
Current consumption	60 mA
Electrical isolation	✓
Response time	200 ms
Transmission error (from end value)	<0,5%
Protection class	IP20
Insulation voltage input / output	1 kV / 50 Hz / 1 min
Insulation voltage power supply / signal	1 kV / 50 Hz / 1 min
Offset voltage @ 3x inner overload	<0,7% of I <sub>n</sub>

#### Environmental Product Compliance

REACH Conform	yes
REACH Reference date	2023-01-17
REACH Candidate Substance Note	No
RoHS Conform	yes

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### Approvals

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#### Standards and regulations

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CE compliant

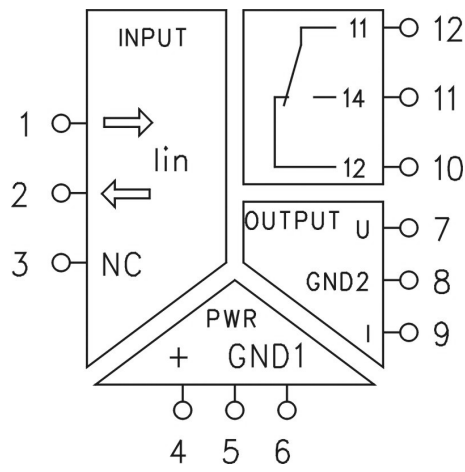
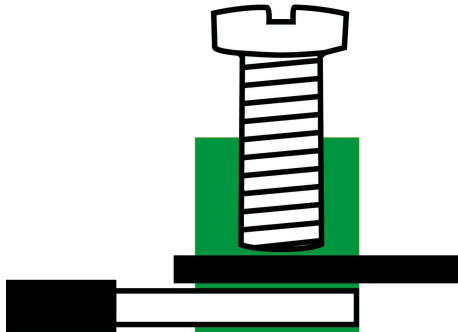
yes

Standards / specifications

DIN VDE 0110 / EN 50178

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### Media



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### Accessories

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