



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 ² |
| Wire cross-section single-core (rigid), max. | 2.5 mm ² |
| Wire cross-section stranded, min. | 0.2 mm ² |
| Wire cross-section stranded, max. | 2.5 mm ² |
| Wire cross-section stranded with wire-end ferrules, min. | 0.2 mm ² |
| Wire cross-section stranded with wire-end ferrules, max. | 2.5 mm ² |
| 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 _n |

Environmental Product Compliance

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

Approvals

Standards and regulations

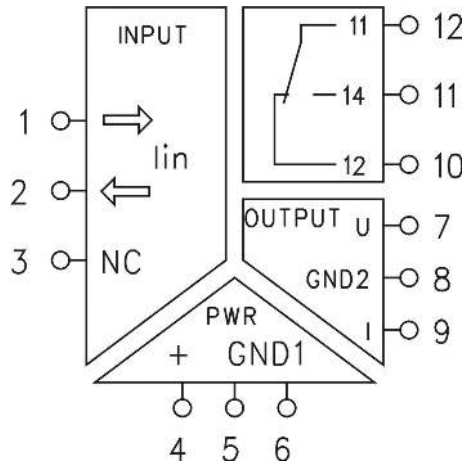
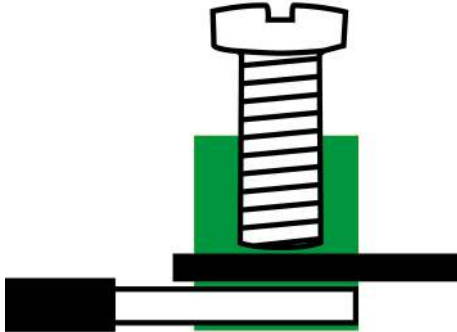
CE compliant

yes

Standards / specifications

DIN VDE 0110 / EN 50178

Media



Accessories
