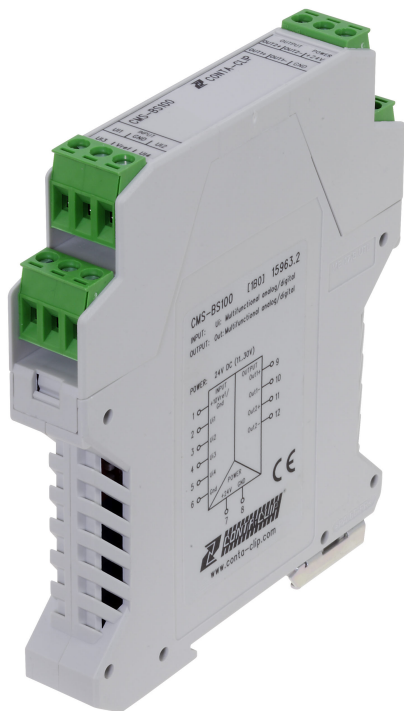


Data sheet

15963.2 CMS-BS100



Multi-function signal converter with multiple inputs and outputs, customer-specific configuration, Screw connection, Mounting type: Mounting rail TS 35, Supply voltage: 24 VDC

Business data

Article number	15963.2
Article name	CMS-BS100
GTIN (EAN)	4044211144470
Packaging unit	1
Quantity unit	PC
Weight per piece (not including packaging)	110 g
Weight per piece (including packaging)	133 g
Unit of weight	G
Customs number	85423190
Country of origin	NL
Product description	Converter unit

Data sheet

15963.2 CMS-BS100

Technical data

Dimensions

Length	99 mm
Width	17.5 mm
Height	114.5 mm

Ratings

Contamination degree	2
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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

Reference output voltage for RTD	10 VDC V
Input signal U/I, max.	30 VDC / 22 mA
Input resistance U/I	200K / 200 Ohm
Resolution U/I (bit)	10 mV / 20 µ (10)
Resolution RTD: PT1000 / NI1000 (bit)	0,6 °C / 0,5 °C (8)
Temperature range RTD	-20-140 °C

Output data

Continuous current (resistive load), max.	0,1 A
Output signal adjustable via DIP switch	✓
Load resistance U	>1K Ohm
Load resistance I	<500 Ohm
Offset I	20 µA
Offset U	<10 mV
Output signal I, max.	22 mA
Output signal U, max.	12 V

Data sheet

15963.2 CMS-BS100



Technical data

Materials

Working temperature, min.	-20 °C
Working temperature, max.	55 °C
Temperature coefficient	<0,02% °C

Further technical data

Power supply	24 VDC ± 20% -
Current consumption	25 mA
Response time	100 ms
Transmission error (from end value)	<0,5% F.S.
Protection class	IP20
Conversion error set / not set	<0,5% F.S.

Environmental Product Compliance

REACH Conform	yes
REACH Reference date	2023-06-14
REACH Candidate Substance Note	No
RoHS Conform	yes

Data sheet

15963.2 CMS-BS100

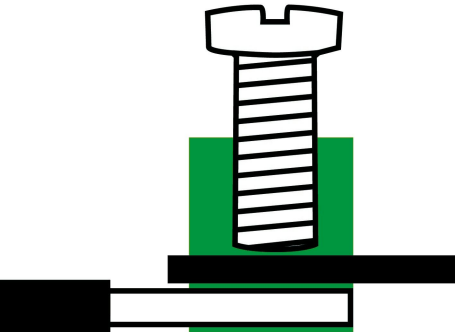


Approvals

Standards and regulations

CE compliant	yes
Standards / specifications	EN 55011 / EN 61326-1

Media



Accessories
