

Product data sheet

Specifications



Repacked Isolated analog converter, Harmony Analog, 0...10V or 4...20mA to 0...10V or 4...20mA

RMCN22BDW



This repacked option saves 2.783 over the standard condition

Main

Range of product	Harmony Analog
Product or component type	Voltage/current converter
Analogue input type	Current 4...20 mA Voltage 0...10 V DC
Analogue output type	Current 4...20 mA $\leq$ 500 Ohm by cabling Voltage 0...10 V $\geq$ 100 kOhm by cabling

Complementary

Protection type	Short-circuit protection on output Overvoltage protection on output (+/- 30 V) Reverse polarity protection on output
abnormal analogue output voltage	-15...0 V no input or input wire broken
abnormal analogue output current	4...30 mA no input or input wire broken
[Us] rated supply voltage	24 V DC +/- 20 %, non isolated
Current consumption	$\leq$ 40 mA for voltage output $\leq$ 60 mA for current output
Local signalling	LED (green) for power ON
tightening torque	0.6...1.1 N.m
Marking	CE
Surge withstand	0.5 kV during 1.2/50 μ s conforming to IEC 61000-4-5
[Ui] rated insulation voltage	2 kV
Fixing mode	By screws (mounting plate) Clip-on (35 mm symmetrical DIN rail)
Safety reliability data	MTTFd = 73.2 years B10d = 67582
Product weight	0.12 kg

Environment

Standards	IEC 60584-1 IEC 60947-1
Product certifications	GL CSA UL
Fire resistance	850 °C conforming to IEC 60695-2-1 850 °C conforming to UL
Shock resistance	50 gn for 11 ms conforming to IEC 60068-2-27

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Vibration resistance	5 gn (f= 10...100 Hz) conforming to IEC 60068-2-6
Resistance to electrostatic discharge	6 kV (in contact) conforming to IEC 61000-4-2 level 3 8 kV (in air) conforming to IEC 61000-4-2 level 3
Resistance to fast transients	1 kV (on input-output) conforming to IEC 61000-4-4 2 kV (on power supply) conforming to IEC 61000-4-4
Disturbance radiated/conducted	CISPR 22 group 1 - class B CISPR 11
Ambient air temperature for storage	-40...85 °C
Ambient air temperature for operation	0...50 °C mounting side by side 0...60 °C 2 cm spacing
Pollution degree	2 conforming to IEC 60664-1

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.7 cm
Package 1 Width	8.2 cm
Package 1 Length	8.5 cm
Package 1 Weight	103.0 g

Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



Environmental footprint

Lower carbon footprint

3 kg CO2 eq.

Use Better



Materials and Substances

SCIP Number

A23b5c8f-6893-4fd3-af99-564158dacf76

REACH Regulation

[Reference contains Substances of Very High Concern above the threshold](#)

Use Longer



Lifetime extension

Repair

No

Image of product / Alternate images

Alternative





