



Main

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|---------------------------|---|
| Range of product | Zelio Analog |
| Product or component type | Voltage/current converter |
| Analogue input type | Current 0...1.5 A AC/DC 50/60 Hz Current 0...15 A AC/DC 50/60 Hz Current 0...5 A AC/DC 50/60 Hz |
| Analogue output type | Current 0...20 mA \leq 500 Ohm by cabling Current 4...20 mA \leq 500 Ohm by cabling Voltage 0...10 V \geq 100 kOhm by cabling |

Complementary

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| Protection type | Overvoltage protection on output (+/- 30 V) Reverse polarity protection on output Short-circuit protection on output |
| Analogue output voltage | -15...0 V, when no input or input wire broken |
| Analogue output current | 0...-30 mA, output selected 0...20 mA, when no input or input wire broken 4...-30 mA, output selected 4...20 mA, when no input or input wire broken |
| [Us] rated supply voltage | 24 V DC +/- 20 %, isolated |
| Current consumption | \leq 70 mA voltage output \leq 90 mA current output |
| Local signalling | LED green (power ON) |
| Measurement error | +/- 5 % of full scale at 20 °C +/- 10 % of full scale at 20 °C (electromagnetic interference of 10 V/m) |
| Repeat accuracy | +/- 0.2 % full scale at 20 °C +/- 0.6 % full scale at 60 °C |
| Temperature coefficient | 1000 ppm/°C, range: 0...5 A 2000 ppm/°C, range: 0...15 A 500 ppm/°C, range: 0...1.5 A |
| Clamping connection capacity | 1 x 2.5 mm ² 2 x 1.5 mm ² |
| Tightening torque | 5.31...9.73 lbf.in (0.6...1.1 N.m) |
| Marking | CE |
| Surge withstand | 0.5 kV 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 = 23.9 years B10d = 22108 |
| Product weight | 0.33 lb(US) (0.15 kg) |

Environment

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|---------------------------------------|---|
| standards | IEC 60584-1 IEC 60947-1 |
| product certifications | CSA GL UL |
| IP degree of protection | IP20 terminal block IP50 housing |
| fire resistance | 1562 °F (850 °C) conforming to IEC 60695-2-1 1562 °F (850 °C) conforming to UL |
| shock resistance | 50 gn 11 ms conforming to IEC 60068-2-27 |
| 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 |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

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|---------------------------------------|--|
| | 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 11 CISPR 22 group 1 - class B |
| ambient air temperature for storage | -40...185 °F (-40...85 °C) |
| ambient air temperature for operation | 32...122 °F (0...50 °C) (mounting side by side) 32...140 °F (0...60 °C) (2 cm spacing) |
| pollution degree | 2 conforming to IEC 60664-1 |

Offer Sustainability

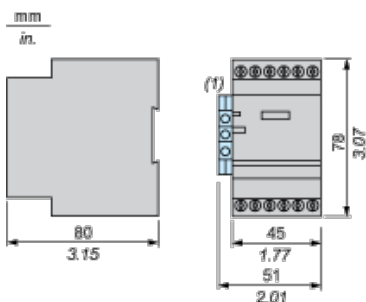
| | |
|---|---|
| WARNING: This product can expose you to chemicals including: | WARNING: This product can expose you to chemicals including: |
| Nickel compounds, which is known to the State of California to cause cancer, and | Nickel compounds, which is known to the State of California to cause cancer, and |
| Diisodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. | Diisodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. |
| For more information go to www.p65warnings.ca.gov | For more information go to www.p65warnings.ca.gov |

Contractual warranty

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|-----------------|-----------|
| Warranty period | 18 months |
|-----------------|-----------|

Analog Interface: Voltage/Current Converter

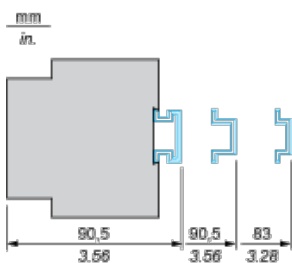
Dimensions



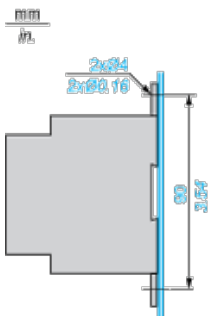
(1) Terminal block AB1TP435U or AB1RRNTP435U2

Mounting

Mounting on Rails AM1*****

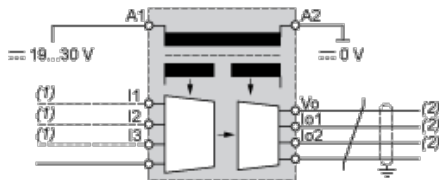


Panel Mounting



Analog Interface: Voltage/Current Converter

Wiring Diagram



- (1) Use 1 input only.
- (2) Use 1 output only.

The input, output and power supply lines must be kept away from the power cables to avoid effects due to induced interference. The input and output cables must be shielded as indicated in the schemes and must be kept away from each other.

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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