

Product availability : Stock - Normally stocked in distribution facility



Main

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

Protection type	Reverse polarity protection on output Short-circuit protection on output Overvoltage protection on output (+/- 30 V)
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	2 x 1.5 mm ² 1 x 2.5 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	B10d = 22108 MTTFd = 23.9 years
Product weight	0.33 lb(US) (0.15 kg)

Environment

Standards	IEC 60584-1 IEC 60947-1
Product certifications	UL CSA GL
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 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

Ordering and shipping details

Category	22375 - INTERFACE MODULE(ABA,R,S)
Discount Schedule	CP2
GTIN	00785901899501
Nbr. of units in pkg.	1
Package weight(Lbs)	0.37
Returnability	Y
Country of origin	ID

Contractual warranty

Warranty period	18 months
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