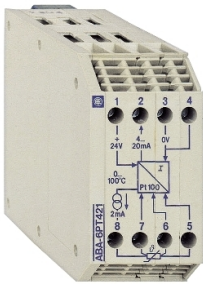


Product data sheet

Specifications



temperature transmitter - 0..100 °C/
32..212 °F - for Universal Pt100
probes

ABA6PT311

⚠ Discontinued on: Dec 19, 2019

⚠ Discontinued

Main

Range of Product	Zelio Analog
Product or Component Type	Converter for Universal Pt100 probes
Analogue input type	Temperature probe 0...100 °C/32...212 °F Pt 100 2, 3 or 4 wires

Complementary

Protection Type	Short-circuit protection on output Overvoltage protection on output (+/- 30 V) Reverse polarity protection on power supply Reverse polarity protection on output
abnormal analogue output voltage	+/- 13 V no input wired or wire broken
abnormal analogue output current	0 A no input wired or wire broken
Current consumption	<= 40 mA voltage output <= 60 mA current output
Local signalling	LED (green) for power ON
Clamping Connection Capacity	1 x 2.5 mm ² 2 x 1.5 mm ²
tightening torque	5.3...9.7 lbf.in (0.6...1.1 N.m)
Marking	CE
Surge withstand	0.5 kV 1.2/50 µs IEC 61000-4-5
[Ui] Rated Insulation Voltage	2000 V
Fixing mode	Clip-on (35 mm symmetrical DIN rail) Fixed (mounting plate)
Safety reliability data	B10d = 30437 MTTFd = 32.9 years
Net Weight	0.26 lb(US) (0.12 kg)
Temperature Coefficient	150 ppm/°C
Measurement error	+/- 0.5 % of full scale 3 or 4 wires)20 °C +/- 1 % of full scale 2 wires)20 °C +/- 10 % of full scale20 °C electromagnetic interference of 10 V/m)
Repeat accuracy	+/- 0.2 % full scale 20 °C +/- 0.6 % full scale 60 °C

Environment

Electromagnetic compatibility	Electrostatic discharge - test level: 6 kV level 3 (contact discharge) conforming to IEC 61000-4-2 Electrostatic discharge - test level: 8 kV level 3 (air discharge) conforming to IEC 61000-4-2
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Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

Standards	EN/IEC 60584-1 EN/IEC 60751 DIN 43760 EN/IEC 60947-1
Product Certifications	CSA UL GL
IP degree of protection	IP20 terminal block) IP50 housing)
Fire resistance	1562 °F (850 °C) IEC 60695-2-1 1562 °F (850 °C) UL
Shock resistance	50 gn 11 ms IEC 60068-2-27
Vibration resistance	5 gn (f= 10...100 Hz) conforming to IEC 60068-2-6
Resistance to fast transients	1 kV IEC 61000-4-4 on input-output) 2 kV IEC 61000-4-4 on power supply)
Disturbance radiated/conducted	CISPR 22 group 1 - class B CISPR 11
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 IEC 60664-1

Ordering and shipping details

Category	22375-INTERFACE MODULE(ABA,R,S)
Discount Schedule	CP2
GTIN	3389110570052
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	1.0 in (2.5 cm)
Package 1 Width	2.4 in (6.2 cm)
Package 1 Length	3.6 in (9.2 cm)
Package weight(Lbs)	2.5 oz (71 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 >](#)

Use Longer

Lifetime extension	
Repair	No