

# Product data sheet

Specifications



## Voltage sensor relay, SE Relays, SPDT, 15A, 120 VAC, 0 to 10 s, 1 time scale, 25-150 VAC, DIN mounting

831VS-120A

Product availability: Non-Stock - Not normally stocked in distribution facility

Price\*: 149.30 USD

### Main

Product Range	Legacy
Sensory Type	Voltage sensor
Product Or Component Type	Relay
Switch Function	SPDT
Contacts Material	AgNi
Time Delay Type	Adjustable
Rated Supply Voltage	85...150 V AC 50...60 Hz

### Complementary

Time Delay Range	0...10 s
Control Type	With adjustment knob front
Voltage Range	25...150 V
Nominal Output Current	15 A
Local Signalling	1 LED red 1 LED green
Repeat Accuracy	+/- 1 %
Hysteresis	2...6 % adjustable from fault to OK state overvoltage or undervoltage detection
Tripping Threshold	85...150 V 30...99 % of Us
Temperature Drift	< 0.1 %/°C
Power Consumption In Va	1.2 VA 120 V
Rated Operational Current	15 A at 240 V AC-1
Breaking Capacity	4000 VA AC-1
Minimum Switching Current	100 mA 5 V
Maximum Switching Voltage	250 V
Tightening Torque	7.08 lbf.in (0.8 N.m)
Awg Gauge	AWG 14
Electrical Durability	30000 cycles
Mechanical Durability	15000000 cycles
Mounting Support	35 mm DIN rail conforming to IEC 60715

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

<b>Overvoltage Category</b>	III IEC 60664-1
<b>Height</b>	3.54 in (90 mm)
<b>Width</b>	0.69 in (17.6 mm)
<b>Depth</b>	2.52 in (64 mm)
<b>Product Weight</b>	2.57 oz (73 g)

## Environment

<b>Dielectric Strength</b>	4000 V between input and output
<b>Standards</b>	IEC 61010-1 EN 60255-26 EN 60255-27
<b>Product Certifications</b>	CE UL WEEE RoHS
<b>Ambient Air Temperature For Storage</b>	-22...158 °F (-30...70 °C)
<b>Ambient Air Temperature For Operation</b>	-4...131 °F (-20...55 °C)
<b>Ip Degree Of Protection</b>	IP20 IEC 60529 terminals) IP40 IEC 60529 front panel)

## Ordering and shipping details

<b>Category</b>	21127-ZELIO ICE CUBE RELAYS
<b>Discount Schedule</b>	CP2
<b>Gtin</b>	3606480282041
<b>Returnability</b>	Yes
<b>Country Of Origin</b>	CZ

## Packing Units

<b>Unit Type Of Package 1</b>	PCE
<b>Number Of Units In Package 1</b>	1
<b>Package 1 Height</b>	2.90 in (7.37 cm)
<b>Package 1 Width</b>	3.70 in (9.4 cm)
<b>Package 1 Length</b>	0.90 in (2.29 cm)
<b>Package 1 Weight</b>	0.15 lb(US) (0.07 kg)
<b>Unit Type Of Package 2</b>	CAR
<b>Number Of Units In Package 2</b>	10
<b>Package 2 Height</b>	2.95 in (7.5 cm)
<b>Package 2 Width</b>	3.94 in (10 cm)
<b>Package 2 Length</b>	8.74 in (22.2 cm)
<b>Package 2 Weight</b>	1.54 lb(US) (0.7 kg)

## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)

## Well-being performance

✓ Reach Free Of Svhc

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✓ Toxic Heavy Metal Free

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✓ Mercury Free

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✓ Rohs Exemption Information [Yes](#)

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**Reach Regulation** [REACH Declaration](#)

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**Eu Rohs Directive** Pro-active compliance (Product out of EU RoHS legal scope)  
[EU RoHS Declaration](#)

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**China Rohs Regulation** [China RoHS declaration](#)

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**Weee** The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

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**California Proposition 65** WARNING: This product can expose you to chemicals including: Nickel compounds, which is known to the State of California to cause cancer, and Di-isodecyl 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](http://www.P65Warnings.ca.gov)

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Dimensions

