

Product data sheet

Specifications



Voltage sensor relay, SE Relays, SPDT, 15A, 240 VAC, 0 to 10s, 1 time scale, 48-276 VAC, DIN mounting

831VS-240A

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

Price*: 153.73 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	160...276 V AC 50...60 Hz

Complementary

Time Delay Range	0...10 s
Control Type	With adjustment knob front
Voltage Range	48...276 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	160...276 V 30...99 % of Us
Temperature Drift	< 0.1 %/°C
Power Consumption In Va	1.2 VA 240 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.

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

Environment

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

Ordering and shipping details

Category	21127-ZELIO ICE CUBE RELAYS
Discount Schedule	CP2
Gtin	3606480282058
Returnability	Yes
Country Of Origin	CZ

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	0.90 in (2.29 cm)
Package 1 Width	3.70 in (9.4 cm)
Package 1 Length	2.80 in (7.11 cm)
Package 1 Weight	0.15 lb(US) (0.07 kg)
Unit Type Of Package 2	CAR
Number Of Units In Package 2	10
Package 2 Height	2.95 in (7.5 cm)
Package 2 Width	3.94 in (10 cm)
Package 2 Length	8.74 in (22.2 cm)
Package 2 Weight	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-CO₂ 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

✓ Toxic Heavy Metal Free

✓ Mercury Free

✓ Rohs Exemption Information [Yes](#)

Reach Regulation [REACH Declaration](#)

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

China Rohs Regulation [China RoHS declaration](#)

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

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

Dimensions

