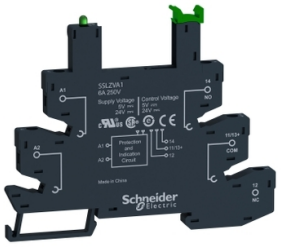
Product data sheet

Specifications



socket equipped with LED and protection circuit, Harmony Solid State Relays, for SSL relays, screw connec to rs, 5 to 24V DC

SSLZVA1

Product availability: Stock - Normally stocked in distribution facility

Main

Range of Product	Harmony Solid State Relays
Device short name	SSLZ
Product or Component Type	Socket for SSL1
Product compatibility	Solid state relay SSL NO 24 V DC Solid state relay SSL NO 5 V DC
[Ith] conventional free air thermal current	6 A
Switching voltage	5 V DC 24 V DC
[Ue] rated operational voltage	< 250 V DC

Complementary

Shape of pin	Flat
Contact terminal arrangement	Separate
Connections - terminals	Screw clamp terminals, 1 x 0.2...1 x 2.5 mm² AWG 24...AWG 14) solid without cable end Screw clamp terminals, 1 x 0.2...1 x 2.5 mm² AWG 24...AWG 14) flexible with cable end
Tightening torque	< 0.4 N.m M2.5
Fixing mode	Clip-on (35 mm DIN rail)
Sale per indivisible quantity	10
Local signalling	LED (green) for input status
Width	0.2 in (6.2 mm)
Height	3.8 in (96 mm)
Depth	3.09 in (78.6 mm)
Product Weight	0.0628 lb(US) (0.0285 kg)

Environment

Standards	IEC 61984
Product Certifications	CSA C22-2 No 14 UL 508
Marking	CE
Ambient Air Temperature for Storage	-40…185 °F (-40…85 °C)
Ambient Air Temperature for Operation	-40…158 °F (-40…70 °C)

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

IP Degree of Protection	IP20
Flame retardance	V0 conforming to UL 94

Ordering and shipping details

Category	US10CP221127
Discount Schedule	0CP2
GTIN	3606480580123
Returnability	Yes
Country of origin	CN

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	3.150 in (8.000 cm)
Package 1 Width	0.315 in (0.800 cm)
Package 1 Length	3.819 in (9.700 cm)
Package weight(Lbs)	0.811 oz (23.000 g)
Unit Type of Package 2	BB1
Number of Units in Package 2	10
Package 2 Height	2.756 in (7.000 cm)
Package 2 Width	3.425 in (8.700 cm)
Package 2 Length	4.055 in (10.300 cm)
Package 2 Weight	9.101 oz (258.000 g)
Unit Type of Package 3	S03
Number of Units in Package 3	300
Package 3 Height	11.811 in (30.000 cm)
Package 3 Width	11.811 in (30.000 cm)
Package 3 Length	15.748 in (40.000 cm)
Package 3 Weight	18.369 lb(US) (8.332 kg)

Contractual warranty

Warranty (in months)	18

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 >

Environmental footprint

Total lifecycle Carbon footprint	**0.4 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**0.4 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**0 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**0 kg CO2 eq.**
Environmental Disclosure	**Product Environmental Profile**

Use Better

Materials and Substances

Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**Yes**
EU RoHS Directive	**Compliant**
REACh Regulation	**Free of Substances of Very High Concern above the threshold**
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**

Use Longer

Lifetime extension

Repair	**No**

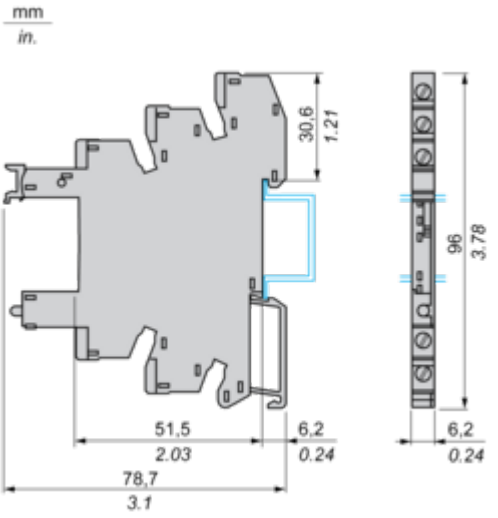
Use Again

Repack and remanufacture

Take-back	**No**

Dimensions Drawings

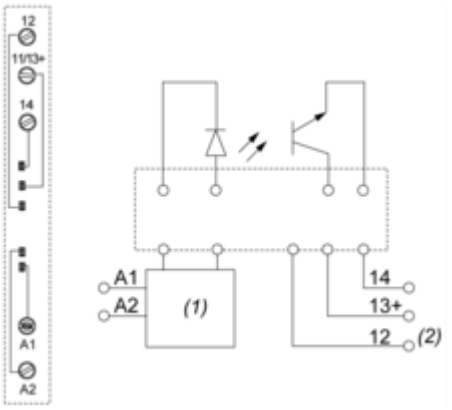
Dimensions



Connections and Schema

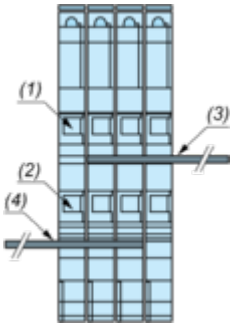
Wiring Diagram

Wiring Diagram for DC Output



(1) Protection circuit
(2) Terminal 12 is not in use for SSL Relay

Example of RSLZ2 Bus Jumper Mounting on Sockets



(1) A1
(2) A2
(3) Bus jumper polarity A1
(4) Bus jumper polarity A2

Technical Illustration

Dimensions

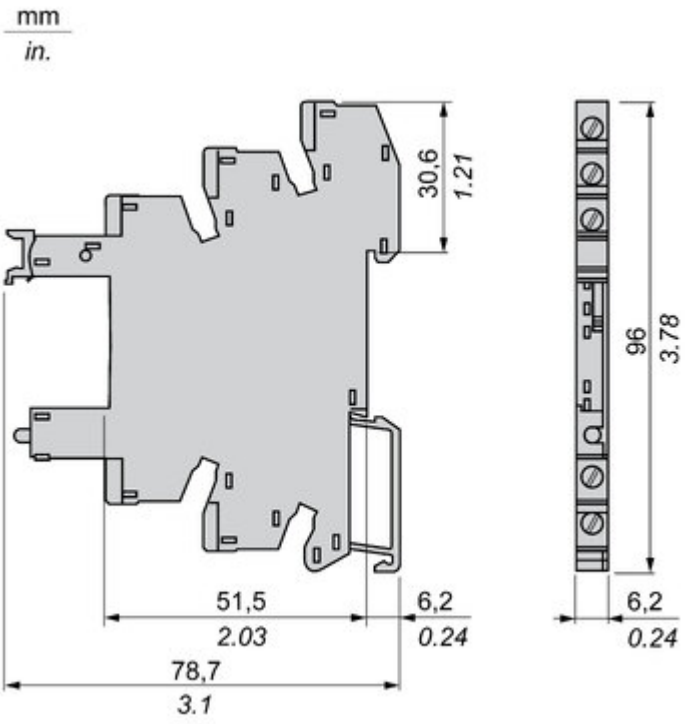


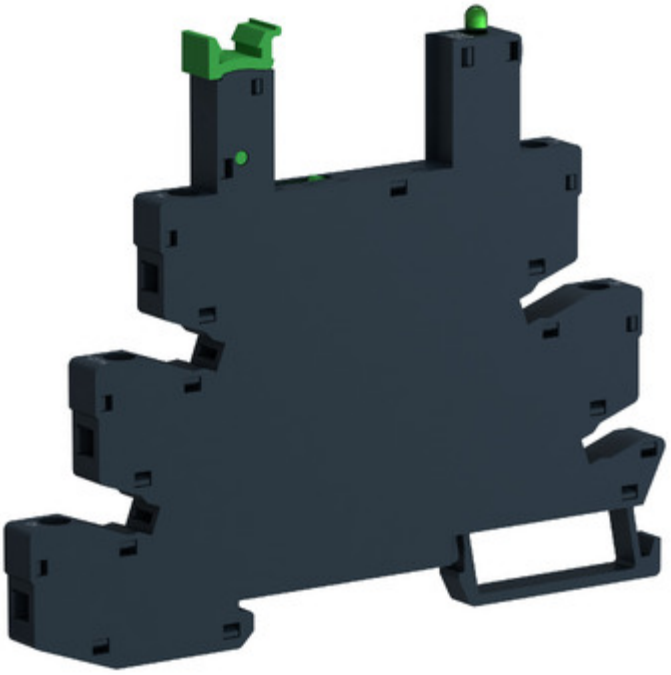
Image of product / Alternate images

Alternative

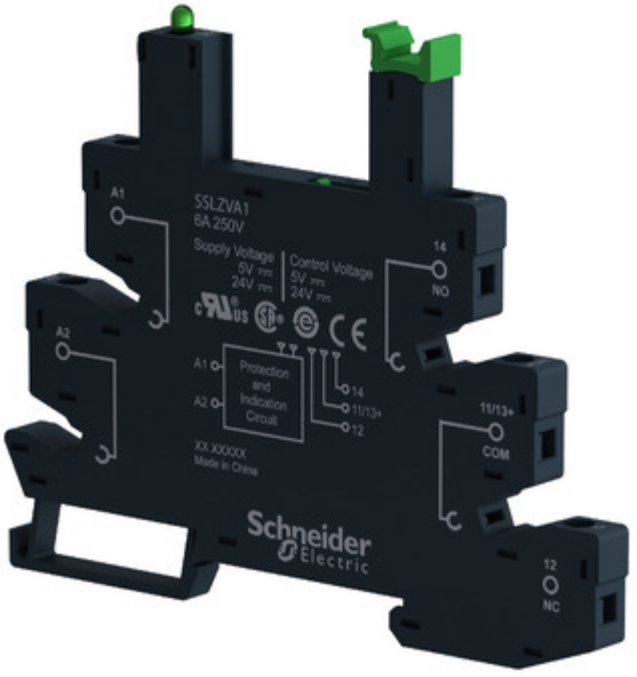











A1
SSLZVA1
6A 250V
Supply Voltage
5V
24V
Control Voltage
5V
24V
14
NO
A2
A1
A2
Protection and Indication Circuit
14
11/13+
12
15/13+
COM
XX XXXXX
Made in China
Schneider Electric
12
NC