Product datasheet

Specifications

Green Premium™
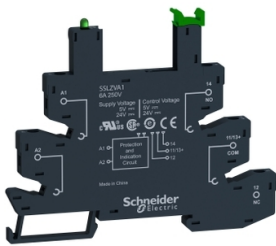

socket equipped with LED and protection circuit, Harmony Solid State Relays, for SSL relays, screw connec to rs, 5 to 24V DC

SSLZVA1

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 with NO contact at 24 V DC Solid state relay SSL with NO contact at 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 for M2.5 screw(s)
Fixing mode	Clip-on (35 mm DIN rail)
Sale per indivisible quantity	10
Local signalling	LED (green) for input status
Width	6.2 mm
Height	101 mm
Depth	78.6 mm
net weight	0.0285 kg

Environment

Standards	IEC 61984
Product certifications	CSA C22-2 No 14 UL 508
marking	CE
Ambient air temperature for storage	-40…85 °C
Ambient air temperature for operation	-40…70 °C
IP degree of protection	IP20

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Flame retardance	V0 conforming to UL 94

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	9.6 cm
Package 1 Width	0.62 cm
Package 1 Length	7.9 cm
Package 1 Weight	31.0 g
Unit Type of Package 2	BB1
Number of Units in Package 2	10
Package 2 Height	7.0 cm
Package 2 Width	8.6 cm
Package 2 Length	10.3 cm
Package 2 Weight	340.0 g
Unit Type of Package 3	S03
Number of Units in Package 3	300
Package 3 Height	30.0 cm
Package 3 Width	30.0 cm
Package 3 Length	40.0 cm
Package 3 Weight	9.2 kg

Sustainability

Green Premium^{TM} 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_2 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 ›

Transparency   RoHS/REACh
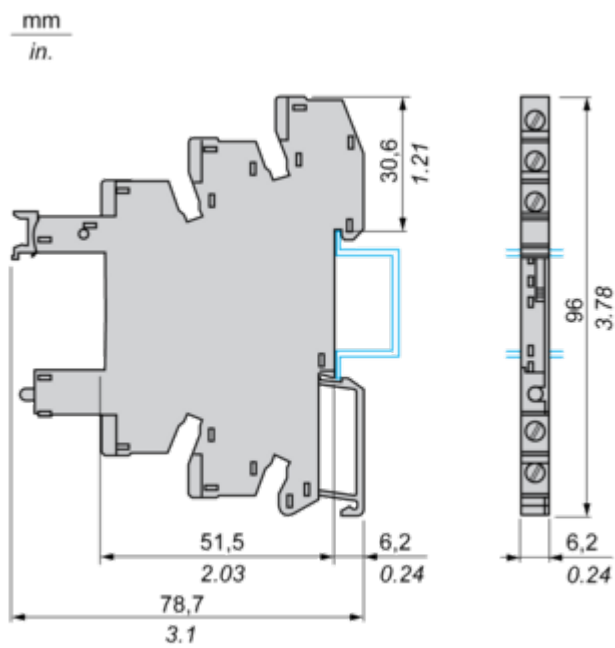
Well-being performance

✓ Reach Free Of Svhc

✓ Toxic Heavy Metal Free

✓ Mercury Free

✓ Rohs Exemption Information   Yes

Certifications & Standards

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

Environmental Disclosure   Product Environmental Profile

Circularity Profile   End of Life Information
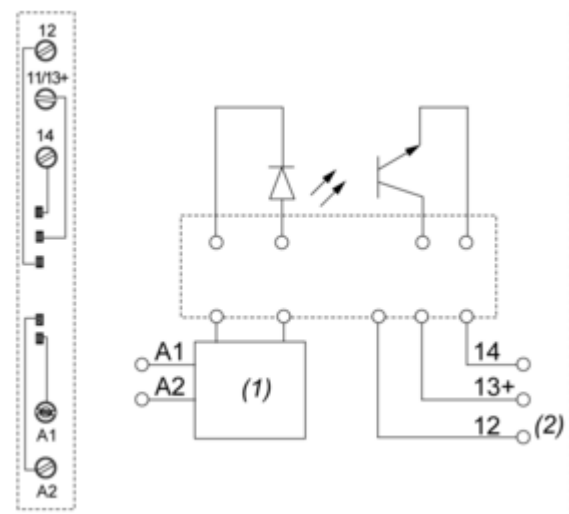
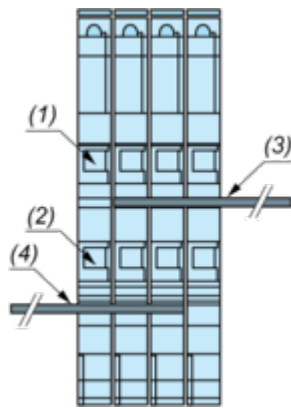Dimensions Drawings

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