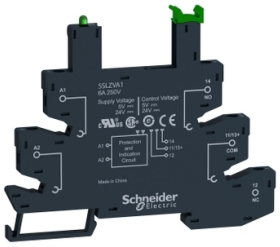
Product data sheet

Specifications



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

SSLZRA1

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	Spring terminals, 1 x 0.2...1 x 1.5 mm² 24 AWG...16 AWG) solid without cable end Spring terminals, 1 x 0.2...1 x 1.5 mm² 24 AWG...16 AWG) flexible with cable end
Clamping force	10…40 N
Fixing mode	Clip-on (35 mm DIN rail)
[Uimp] rated impulse withstand voltage	3.6 kV
Overvoltage category	III
Pollution degree	3
Sale per indivisible quantity	10
Local signalling	LED (green) for input status
Width	0.2 in (6.2 mm)
Height	4.06 in (103 mm)
Depth	3.09 in (78.6 mm)
Net Weight	0.0628 lb(US) (0.0285 kg)

Environment

Standards	IEC 61984
Product Certifications	UL 508 CSA C22-2 No 14
Marking	CE

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

Ambient Air Temperature for Storage	-40…185 °F (-40…85 °C)
Ambient Air Temperature for Operation	-40…158 °F (-40…70 °C)
IP Degree of Protection	IP20
Flame retardance	V0 conforming to UL 94

Ordering and shipping details

Category	US10CP221127
Discount Schedule	0CP2
GTIN	3606480580161
Returnability	Yes
Country of origin	CN

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	0.236 in (0.600 cm)
Package 1 Width	3.150 in (8.000 cm)
Package 1 Length	4.134 in (10.500 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	3.346 in (8.500 cm)
Package 2 Width	2.795 in (7.100 cm)
Package 2 Length	4.213 in (10.700 cm)
Package 2 Weight	8.889 oz (252.000 g)
Unit Type of Package 3	S03
Number of Units in Package 3	300
Package 3 Height	11.8 in (30 cm)
Package 3 Width	11.8 in (30 cm)
Package 3 Length	15.7 in (40 cm)
Package 3 Weight	18.254 lb(US) (8.280 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	**0.3 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**0.3 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**

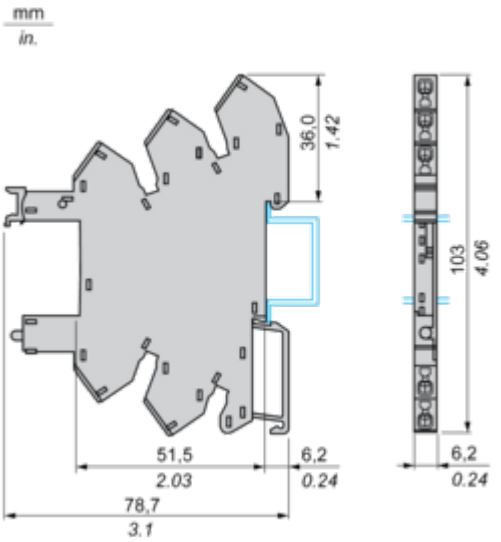
Use Again

Repack and remanufacture

Take-back	**No**

Dimensions Drawings

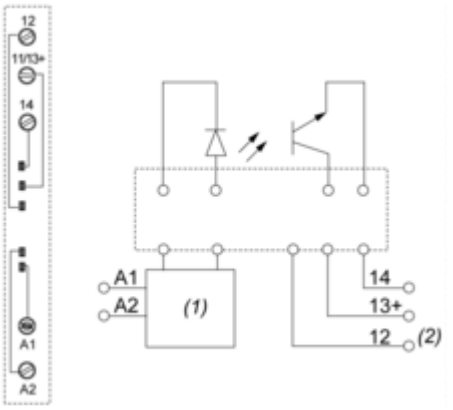
Dimensions



Connections and Schema

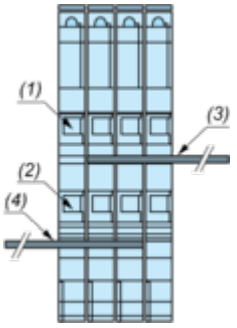
Wiring Diagram

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