

# Product data sheet

Specifications



## Relay, SE Relays, solid state, SPST NO, 8A, 24...280 VAC, 90...208 VAC, triac, AC random switch

861SSRA208-AC-2

⚠ Discontinued on: Aug 7, 2023

⚠ Discontinued

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

### Main

Range	Legacy
Product Type	Solid state relay
maximum output current	8 A AC
Mounting Support	Panel Carril DIN
Network Number of Phases	1 phase
Output Voltage	24...280 V AC
Control Circuit Voltage	90...280 V AC

### Complementary

Holding Current	150 mA
Input Current Limits	20 mA at 240 V AC typical
Switch Function	SPST
Contacts Type and Composition	NO
Tightening Torque	0.8 N.m for input/output
Connections Terminals	Input/output screw clamp terminal 0.004 in <sup>2</sup> (2.5 mm <sup>2</sup> ) AWG 14)
Local Signalling	1 LED (green) for input status
Switching Device	Triac output
Load Current	8 A at nominal load 5 A incandescent lamp 3 A motor
Overload Current	24 A for 1 second
Surge Current	200 A 1 cycle
Must Release Voltage	10 V
Voltage Drop	<1.6 V peak AC <1.25 V on-state AC
Thermal Resistance	2 °C/W
Maximum I <sup>2</sup> t for fusing	250 A <sup>2</sup> .s 8.3 ms
Leakage Current	6 mA at off-state 240 V AC
DV/dt	250 V/μs off-state at maximum rated voltage
Response Time	40 ms (turn-off) 40 ms (turn-on)

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

<b>Dielectric Strength</b>	4000 V between input and output 2500 V between terminals and chassis
<b>Height</b>	2.6 in (65 mm)
<b>Width</b>	0.62 in (15.75 mm)
<b>Depth</b>	3.54 in (89.83 mm)
<b>Product Weight</b>	4.5 oz (127.1 g)
<b>Device Presentation</b>	Complete device

## Environment

<b>Product Certifications</b>	CE CSA UL
<b>IP Degree of Protection</b>	IP20
<b>Ambient Air Temperature for Operation</b>	-22...176 °F (-30...80 °C)
<b>Ambient Air Temperature for Storage</b>	-40...212 °F (-40...100 °C)

## Ordering and shipping details

<b>Category</b>	US10CP221127
<b>Discount Schedule</b>	0CP2
<b>GTIN</b>	3606480282348
<b>Returnability</b>	No
<b>Country of origin</b>	CN

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	3.64 in (9.24 cm)
<b>Package 1 Width</b>	0.69 in (1.76 cm)
<b>Package 1 Length</b>	2.56 in (6.5 cm)
<b>Package 1 Weight</b>	4.5 oz (127.1 g)


## 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 >](#)

### Use Better

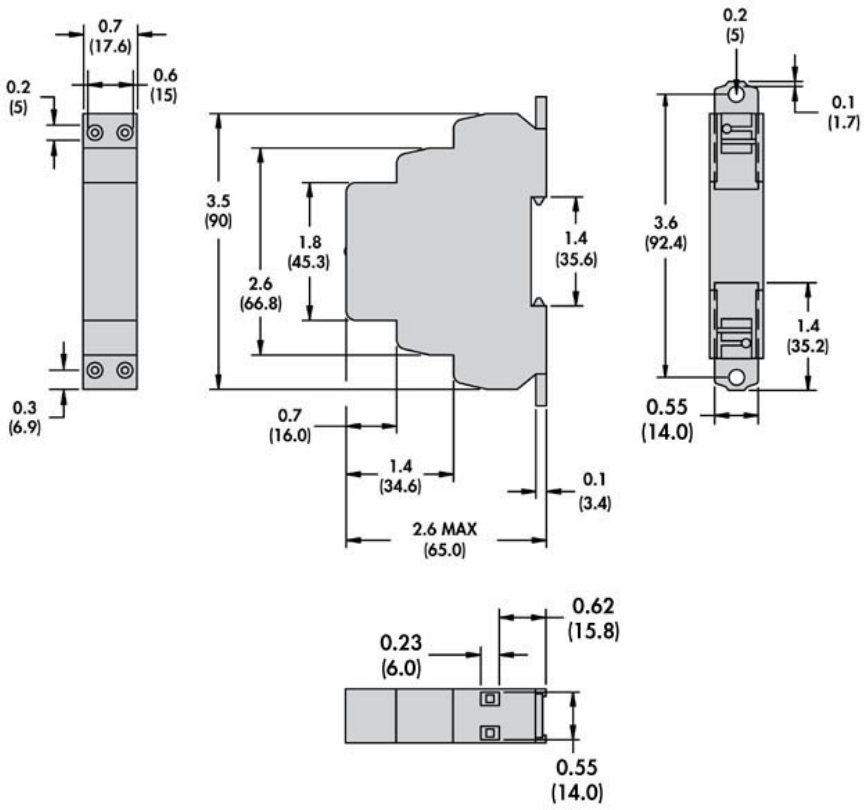
 Materials and Substances	
Packaging without single use plastic	Yes
<a href="#">EU RoHS Directive</a>	Pro-active compliance (Product out of EU RoHS legal scope)
California proposition 65	<b>WARNING:</b> This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>

### Use Again

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

Dimensions Drawings

Approximate Dimensions



Connections and Schema

Connections and Wiring Diagrams

---

