

861SSRA208-DC-1

Relay, SE Relays, solid state, SPST NO, 8A, 24...280 VAC, 3...32 VDC, triac, AC zero cross



Main

Range	Legacy
Product Type	Solid state relay
Maximum output current	8 A AC
Mounting Support	Panel DIN rail
Network Number of Phases	1 phase
Output Voltage	24...280 V AC
Control Circuit Voltage	3...32 V DC

Complementary

Holding Current	150 mA
Input Current Limits	30 mA at 32 V DC typical
Switch Function	SPST
Contacts Type and Composition	NO
Protection Technology	Current limiter
Protection Type	Reverse polarity protection
Tightening Torque	0.8 N.m for input/output
Connections Terminals	Input/output screw clamp terminal 0.00 in ² (2.5 mm ²) AWG 14)
Local Signalling	For input status 1 LED (green)
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	1 V
Voltage Drop	<1.6 V peak AC <1.25 V on-state AC
Thermal Resistance	2 °C/W
Maximum I ² t for fusing	250 A ² .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	8.33 ms (turn-off) 8.33 ms (turn-on)
Dielectric Strength	4000 V between input and output 2500 V between terminals and chassis
Height	2.56 in (65 mm)
Width	0.62 in (15.75 mm)
Depth	3.54 in (89.83 mm)
Product Weight	4.48 oz (127.1 g)
Device Presentation	Complete device

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Environment

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

Ordering and shipping details

Category	21127-ZELIO ICE CUBE RELAYS
Discount Schedule	CP2
GTIN	3606480282355
Returnability	Yes
Country of origin	IN

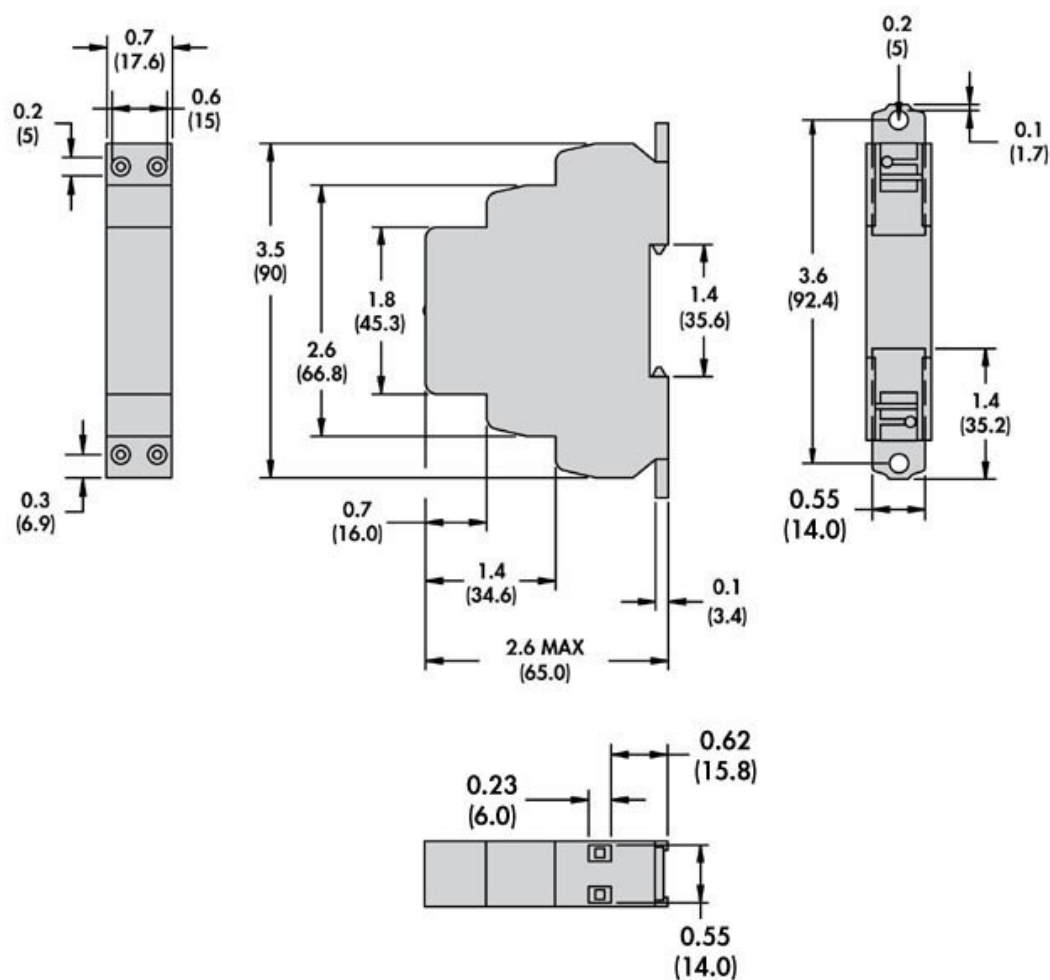
Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.64 in (9.24 cm)
Package 1 Width	0.69 in (1.76 cm)
Package 1 Length	2.56 in (6.5 cm)
Package 1 Weight	4.48 oz (127.1 g)

Offer Sustainability

California proposition 65	WARNING: 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 www.P65Warnings.ca.gov
REACH Regulation	REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Approximate Dimensions



Connections and Wiring Diagrams

