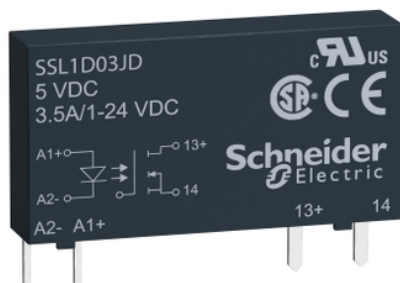


# SSL1D03ND

solid state relay, Plug-in, input 38-72 V DC,  
output 1-24 V DC, 3.5A



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



## Main

Range of product	Zelio Relay
Product or component type	Solid state relay
Device short name	SSL
Phase	1 phase

## Complementary

Mounting support	Socket
Line Rated Current	3.5 A
Output voltage	1...24 V DC
[Uc] control circuit voltage	90...140 V AC 190...250 V AC 38...72 V DC 190...250 V DC 90...140 V DC
Contacts type and configuration	1 NO
Capacitance unbalance	1.5 pF input/output
Minimum switching voltage	38 V DC turn-on
Maximum switching voltage	15 V DC turn-off
Input current limits	3 mA
Input impedance	20 kOhm
Solid state output type	DC switching Mosfet output
Load current	0.001...3.5 A
Absolute maximum voltage	30 V DC
Maximum operating frequency	500 Hz
Surge current	9 A 10 ms
Voltage drop	<= 0.5 V on-state
Leakage current	<= 0.001 mA off-state
Response time	0.12 ms turn-on 0.1 ms turn-off
Overvoltage category	III
Width	0.2 in (5 mm)
Height	1.1 in (28 mm)
Depth	0.59 in (15 mm)
Product weight	0.01 lb(US) (0.0041 kg)

## Environment

Flame retardance	V0 conforming to UL 94
Dielectric strength	2500 V input/output
Pollution degree	2
Product certifications	UL RoHS CSA REACH
Marking	CE
Ambient air temperature for operation	-4...176 °F (-20...80 °C)
Ambient air temperature for storage	-4...185 °F (-20...85 °C)

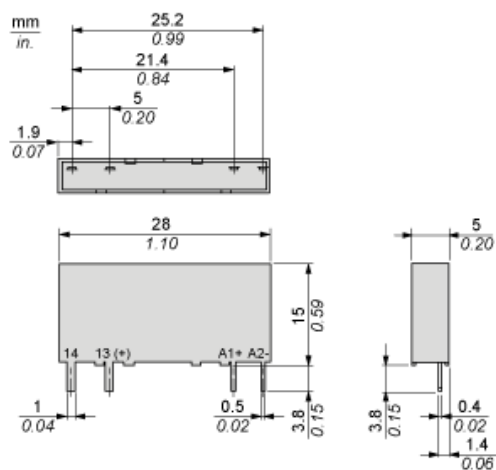
## Ordering and shipping details

Category	22375 - INTERFACE MODULE(ABA,R,S)
Discount Schedule	CP2
GTIN	00785901860686
Nbr. of units in pkg.	12
Package weight(Lbs)	0.01
Returnability	N
Country of origin	MX

## Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1417 - Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations
California proposition 65	WARNING: This product can expose you to chemicals including:
- - - - - Substance 1	Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm.
- - - - - More information	For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>

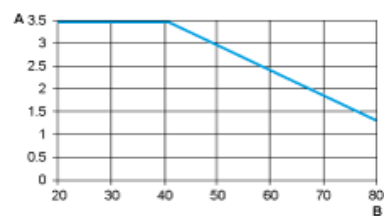
## Dimensions



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Derating Curves

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A : Load Current (Amperes)  
B : Ambient Temperature (°C)

# Mouser Electronics

Authorized Distributor

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