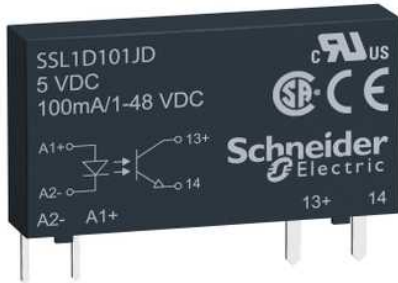


# Product data sheet

## Characteristics

# SSL1D101ND

solid state relay, Plug-in, input 38-72 V DC, output 1-48 V DC, 0.1A



### Main

Commercial Status	Commercialised
Range of product	Zelio Relay
Product or component type	Solid state relay
Device short name	SSL
Network number of phases	1 phase

### Complementary

Mounting support	Socket
[In] rated current	0.1 A
Output voltage	1...48 V DC
Control circuit voltage	90...140 V DC 190...250 V DC 90...140 V AC 38...72 V DC 190...250 V AC
Contacts type and composition	1 NO
Capacitance unbalance	<= 1.5 pF input/output
Switching voltage	>= 38 V DC turn-on <= 10 V DC turn-off
Input current limits	3 mA
Input impedance	20 kOhm
Solid state output type	Transistor output DC switching
Load current	0.001...0.1 A
Absolute maximum voltage	60 V
Maximum operating frequency	500 Hz
Surge current	<= 0.3 A for 10 ms
Voltage drop	<= 1 V on-state
Leakage current	<= 0.001 mA off-state
Response time	0.13 ms turn-off 0.02 ms turn-on
Overvoltage category	III
Width	5 mm
Height	28 mm
Depth	15 mm
Product weight	0.0041 kg


## Environment

Flame retardance	V0 conforming to UL 94
Dielectric strength	3750 V for input/output
Pollution degree	2
Standards	IEC 61000 IEC 60950-1 IEC 62314
Product certifications	CSA RoHS UL REACH
Marking	CE
IP degree of protection	IP67
Ambient air temperature for operation	-20...80 °C
Ambient air temperature for storage	-20...85 °C

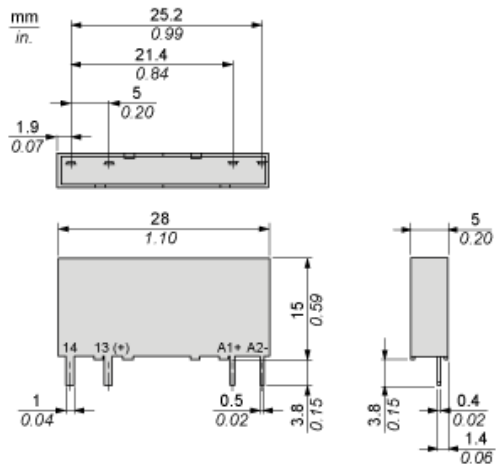
## Ordering and shipping details

Category	22375 - INTERFACE MODULE(ABA,R,S)
Discount Schedule	CP2
GTIN	00785901968214
Nbr. of units in pkg.	12
Package weight(Lbs)	0.01
Returnability	Y
Country of origin	MX

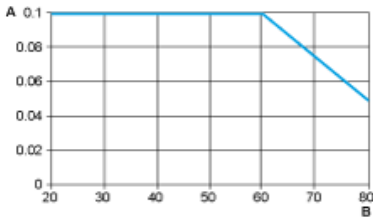
## Offer Sustainability

Sustainable offer status	Green Premium product
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available  <a href="#">Download Product Environmental</a>
Product end of life instructions	Need no specific recycling operations

Dimensions



Derating Curves



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