## Product data sheet Characteristics

# SSL1D03BD

solid state relay,Plug-in,input 15-30 V DC, output 1-24 V DC, 3.5A

Product availability: Stock - Normally stocked in distribution facility



Price\*: 1950.00 USD



#### Main

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

#### Complementary

Mounting support         Socket           Line Rated Current         3.5 A           Output voltage         124 V DC           Control circuit voltage         1530 V DC           Contacts type and composition         1 NO           Capacitance unbalance         <= 1.5 pF input/output           Switching voltage         <= 10 V DC turn-off           >= 15 V DC turn-on         Input current limits           Input impedance         3500 Ohm           Solid state output type         Mosfet output DC switching           Load current         0.0013.5 A           Absolute maximum voltage         30 V           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			+=
Output voltage 124 V DC Control circuit voltage 1530 V DC Contacts type and composition 1 NO Capacitance unbalance <= 1.5 pF input/output  Switching voltage <= 10 V DC turn-off >= 15 V DC turn-on  Input current limits 7 mA Input impedance 3500 Ohm  Solid state output type Mosfet output DC switching Load current 0.0013.5 A  Absolute maximum voltage 30 V  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	ounting support	Socket	g suit
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Contacts type and composition 1 NO  Capacitance unbalance <= 1.5 pF input/output  Switching voltage <= 10 V DC turn-off >= 15 V DC turn-on  Input current limits 7 mA  Input impedance 3500 Ohm  Solid state output type Mosfet output DC switching  Load current 0.0013.5 A  Absolute maximum voltage 30 V  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	utput voltage 1	124 V DC	deter
Capacitance unbalance <= 1.5 pF input/output  Switching voltage <= 10 V DC turn-off >= 15 V DC turn-on  Input current limits 7 mA  Input impedance 3500 Ohm  Solid state output type Mosfet output DC switching  Load current 0.0013.5 A  Absolute maximum voltage 30 V  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	ontrol circuit voltage	1530 V DC	d for
Switching voltage <= 10 V DC turn-off >= 15 V DC turn-on  Input current limits 7 mA  Input impedance 3500 Ohm  Solid state output type Mosfet output DC switching  Load current 0.0013.5 A  Absolute maximum voltage 30 V  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	ontacts type and composition	1 NO	e use
Solid state output type   Mosfet output DC switching	apacitance unbalance <	<= 1.5 pF input/output	t to b
Input impedance 3500 Ohm  Solid state output type Mosfet output DC switching  Load current 0.0013.5 A  Absolute maximum voltage 30 V  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	3 - 3 - 3	<= 10 V DC turn-off >= 15 V DC turn-on	and is not to be
Solid state output type  Mosfet output DC switching  Load current  0.0013.5 A  Absolute maximum voltage 30 V  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	put current limits 7	7 mA	e for
DC switching	put impedance 3	3500 Ohm	substitute for
Absolute maximum voltage 30 V  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		DC switching	as a
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Voltage drop <= 0.5 V on-state  Leakage current <= 0.001 mA off-state  Response time 0.12 ms turn-on	aximum operating frequency 5		
Leakage current     <= 0.001 mA off-state	urge current <	<= 9 A 10 ms	tatior
Response time 0.12 ms turn-on	oltage drop <	<= 0.5 V on-state	umen
·	eakage current <	<= 0.001 mA off-state	s doc
	•	0.12 ms turn-on 0.1 ms turn-off	isclaimer: This documentation is
Overvoltage category III	vervoltage category	III	isclai

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
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	-4176 °F (-2080 °C)
Ambient air temperature for storage	-4185 °F (-2085 °C)

## Ordering and shipping details

Category	22375 - INTERFACE MODULE(ABA,R,S)
Discount Schedule	CP2
GTIN	00785901968290
Nbr. of units in pkg.	12
Package weight(Lbs)	0.01
Returnability	Υ
Country of origin	MX

## Offer Sustainability

Sustainable offer status	Green Premium product	
RoHS (date code: YYWW)	Compliant - since 1328 - Schneider Electric declaration of conformity	
	Schneider Electric declaration of conformity	
REACh	Reference not containing SVHC above the threshold	
	Reference not containing SVHC above the threshold	
Product environmental profile	Available	
Product end of life instructions	Need no specific recycling operations	