# Product data sheet

Specifications





## compact discovery packs, Zelio Logic SR2 SR3, smart relay discovery pack, 20 IO, 24V DC

SR2PACK2BD

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

Price\*: 486.00 USD

#### Main

Range Of Product	Zelio Logic
Product Or Component Type	Compact discovery packs
Discrete Input Number	12 IEC 61131-2 Type 1
Number Of Outputs	8 relay

### Complementary

Kit Composition	SR2B201BD Cable PC SR2USB01 for connection to PC
Input/Output Number	20
Local Display	With
Number Or Control Scheme Lines	120 ladder 0200 FBD
Cycle Time	690 ms
Backup Time	10 years 77 °F (25 °C)
Clock Drift	12 min/year 32131 °F (055 °C) 6 s/month 77 °F (25 °C)
Checks	Program memory on each power up
[Us] Rated Supply Voltage	24 V
Supply Voltage Limits	19.230 V
Maximum Supply Current	100 mA without extension)
Power Dissipation In W	6 W without extension
Reverse Polarity Protection	With
Discrete Input Type	Resistive
Discrete Input Voltage	24 V DC
Discrete Input Current	4 mA
Counting Frequency	1 kHz discrete input
Voltage State 1 Guaranteed	>= 15 V I1IA and IHIR discrete input circuit >= 15 V IBIG used as discrete input circuit
Voltage State 0 Guaranteed	<= 5 V I1IA and IHIR discrete input circuit <= 5 V IBIG used as discrete input circuit
Current State 1 Guaranteed	>= 1.2 mA IBIG used as discrete input circuit) >= 2.2 mA I1IA and IHIR discrete input circuit)
Current State 0 Guaranteed	<= 0.5 mA IBIG used as discrete input circuit)

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

Input Compatibility	3-wire proximity sensors PNP discrete input
Analogue Input Number	2
Analogue Input Type	Common mode
Analogue Input Range	010 V 024 V
Temperature Probe Type	NTC 10k 77 °F (25 °C) NTC 1000k 77 °F (25 °C) KTY81 210/220/221/222/250 Pt 500
Maximum Permissible Voltage	30 V analogue input circuit
Analogue Input Resolution	8 bits
Lsb Value	39 mV analogue input circuit
Conversion Time	Smart relay cycle time analogue input circuit
Conversion Error	+/- 5 % 77 °F (25 °C) analogue input circuit +/- 6.2 % 131 °F (55 °C) analogue input circuit
Repeat Accuracy	+/- 2 % 131 °F (55 °C) analogue input circuit
Operating Distance	10 m between stations, with screened cable (sensor not isolated) analogue input circuit
Input Impedance	12 kOhm IBIG used as analogue input circuit 12 kOhm IBIG used as discrete input circuit 7.4 kOhm I1IA and IHIR discrete input circuit
Output Voltage Limits	24250 V AC relay output) 530 V DC relay output)
Contacts Type And Composition	NO relay output
Output Thermal Current	8 A for all 8 outputs relay output
Electrical Durability	AC-12 500000 cycles 230 V, 1.5 A relay output IEC 60947-5-1 AC-15 500000 cycles 230 V, 0.9 A relay output IEC 60947-5-1 DC-12 500000 cycles 24 V, 1.5 A relay output IEC 60947-5-1 DC-13 500000 cycles 24 V, 0.6 A relay output IEC 60947-5-1
Switching Capacity In Ma	>= 10 mA 12 V relay output)
Operating Rate In Hz	0.1 Hz at le)relay output 10 Hz no load)relay output
Mechanical Durability	10000000 cycles relay output
[Uimp] Rated Impulse Withstand Voltage	4 kV conforming to EN/IEC 60947-1 and EN/IEC 60664-1
Clock	Without
Response Time	10 ms from state 0 to state 1)relay output 5 ms from state 1 to state 0)relay output
Connections - Terminals	screw terminals, 1 x 0.21 x 2.5 mm² AWG 25AWG 14) semi-solid screw terminals, 1 x 0.21 x 2.5 mm² AWG 25AWG 14) solid screw terminals, 1 x 0.251 x 2.5 mm² AWG 24AWG 14) flexible with cable end screw terminals, 2 x 0.22 x 1.5 mm² AWG 24AWG 16) solid screw terminals, 2 x 0.252 x 0.75 mm² AWG 24AWG 18) flexible with cable end
Tightening Torque	4.43 lbf.in (0.5 N.m)
Overvoltage Category	III IEC 60664-1
Net Weight	1.54 lb(US) (0.7 kg)
Environment	

### **Environment**

Immunity To Microbreaks 1 ms

Product Certifications	GOST
	C-tick
	UL
	GL
	CSA
	COA
Standards	IEC 61000-4-6 level 3
	IEC 61000-4-3
	IEC 60068-2-27 Ea
	IEC 61000-4-11
	IEC 61000-4-12
	IEC 60068-2-6 Fc
	IEC 61000-4-5
	IEC 61000-4-2 level 3
	IEC 61000-4-4 level 3
	IEC 81000-4-4 level 3
Ip Degree Of Protection	IP20 IEC 60529 terminal block)
	IP40 IEC 60529 front panel)
Environmental Characteristic	EMC directive IEC 61000-6-2
	EMC directive IEC 61000-6-3
	EMC directive IEC 61000-6-4
	EMC directive IEC 61131-2 zone B
	low voltage directive IEC 61131-2
Disturbance Radiated/Conducted	Class B EN 55022-11 group 1
Pollution Degree	2 IEC 61131-2
Ambient Air Temperature For	-4104 °F (-2040 °C) in non-ventilated enclosure IEC 60068-2-1 and IEC
Operation	60068-2-2
·	-4131 °F (-2055 °C) IEC 60068-2-1 and IEC 60068-2-2
	-4131 1 (-2033 C) IEC 00000-2-1 and IEC 00000-2-2
Ambient Air Temperature For Storage	-40158 °F (-4070 °C)
Operating Altitude	6561.68 ft (2000 m)
Maximum Altitude Transport	10000.00 ft (3048 m)
Relative Humidity	95 % without condensation or dripping water

## Ordering and shipping details

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Category	US1000l22378
Discount Schedule	0001
Gtin	3389110549737
Returnability	No
Country Of Origin	FR

## **Packing Units**

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	2.44 in (6.2 cm)
Package 1 Width	6.02 in (15.3 cm)
Package 1 Length	9.17 in (23.3 cm)
Package 1 Weight	17.71 oz (502 g)
Unit Type Of Package 2	S03
Number Of Units In Package 2	10
Package 2 Height	11.81 in (30 cm)
Package 2 Width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)

Package 2 Weight

12.16 lb(US) (5.516 kg)

### **Contractual warranty**

Warranty

18 months



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Transparency RoHS/REACh

#### Well-being performance



#### **Certifications & Standards**

Reach Regulation	REACh Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
Circularity Profile	End of Life Information