

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 of control scheme lines | 120 ladder 0...200 FBD |
| Cycle time | 6...90 ms |
| Backup time | 10 years 77.0000000000 °F (25 °C) |
| Clock drift | 12 min/year 32.0000000000...131.0000000000 °F (0...55 °C) 6 s/month 77.0000000000 °F (25 °C) |
| Checks | Program memory on each power up |
| [Us] rated supply voltage | 24 V |
| Supply voltage limits | 19.2...30 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 I1...IA and IH...IR discrete input circuit >= 15 V IB...IG used as discrete input circuit |
| Voltage state 0 guaranteed | <= 5 V I1...IA and IH...IR discrete input circuit <= 5 V IB...IG used as discrete input circuit |
| Current state 1 guaranteed | >= 1.2 mA IB...IG used as discrete input circuit) >= 2.2 mA I1...IA and IH...IR discrete input circuit) |
| Current state 0 guaranteed | <= 0.5 mA IB...IG 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 | 0...10 V 0...24 V |
| Temperature probe type | NTC 10k 77.0000000000 °F (25 °C) NTC 1000k 77.0000000000 °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 % 77.0000000000 °F (25 °C) analogue input circuit +/- 6.2 % 131.0000000000 °F (55 °C) analogue input circuit |
| Repeat accuracy | +/- 2 % 131.0000000000 °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 IB...IG used as analogue input circuit 12 kOhm IB...IG used as discrete input circuit 7.4 kOhm I1...IA and IH...IR discrete input circuit |
| Output voltage limits | 24...250 V AC relay output) 5...30 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 0.2...1 x 2.5 mm ² AWG 25...AWG 14) semi-solid screw terminals, 1 x 0.2...1 x 2.5 mm ² AWG 25...AWG 14) solid screw terminals, 1 x 0.25...1 x 2.5 mm ² AWG 24...AWG 14) flexible with cable end screw terminals, 2 x 0.2...2 x 1.5 mm ² AWG 24...AWG 16) solid screw terminals, 2 x 0.25...2 x 0.75 mm ² AWG 24...AWG 18) flexible with cable end |
| Tightening torque | 4.4 lbf.in (0.5 N.m) |
| Overvoltage category | III IEC 60664-1 |
| Net Weight | 1.5 lb(US) (0.7 kg) |

Environment

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|--------------------------------|------|
| Immunity to microbreaks | 1 ms |
|--------------------------------|------|

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| Product Certifications | GOST C-tick UL GL CSA |
| 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 |
| 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 operation | -4.0000000000...104.0000000000 °F (-20...40 °C) in non-ventilated enclosure IEC 60068-2-1 and IEC 60068-2-2 -4.0000000000...131.0000000000 °F (-20...55 °C) IEC 60068-2-1 and IEC 60068-2-2 |
| Ambient Air Temperature for Storage | -40.0000000000...158.0000000000 °F (-40...70 °C) |
| Operating altitude | 6561.68 ft (2000 m) |
| Maximum altitude transport | 10000.0000000000 ft (3048 m) |
| Relative Humidity | 95 % without condensation or dripping water |

Ordering and shipping details

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|--------------------------|---------------|
| Category | US1000I22378 |
| Discount Schedule | 000I |
| GTIN | 3389110549737 |
| Returnability | No |
| Country of origin | FR |

Packing Units

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|-------------------------------------|-------------------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 2.4 in (6.2 cm) |
| Package 1 Width | 6.02 in (15.3 cm) |
| Package 1 Length | 9.2 in (23.3 cm) |
| Package 1 Weight | 17.7 oz (502 g) |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 10 |
| Package 2 Height | 11.8 in (30 cm) |
| Package 2 Width | 11.8 in (30 cm) |
| Package 2 Length | 15.7 in (40 cm) |

Package 2 Weight 12.161 lb(US) (5.516 kg)

Contractual warranty

Warranty 18 months

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

Well-being performance

Mercury Free

Rohs Exemption Information Yes

Pvc Free

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](#)

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"