

# Product data sheet

Specifications



## Compact discovery packs, Zelio Logic, smart relay discovery pack, 20 I/O, 100...240 V AC

SR2PACK2FU

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
Number of outputs	8 relay

### Complementary

Kit composition	SR2B201FU 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	100...240 V
Supply voltage limits	85...264 V
Supply frequency	50/60 Hz
Maximum supply current	100 mA 100 V without extension) 50 mA 240 V without extension)
Power consumption in VA	11 VA without extension
isolation voltage	1780 V
Protection Type	Against inversion of terminals (control instructions not executed)
Discrete input voltage	100...240 V AC
Discrete input current	0.6 mA
Discrete input frequency	57...63 Hz 47...53 Hz
Voltage state 1 guaranteed	>= 79 V discrete input
Voltage state 0 guaranteed	<= 40 V discrete input
Current state 1 guaranteed	>= 0.17 mA discrete input)

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

<b>Current state 0 guaranteed</b>	<= 0.5 mA discrete input)
<b>Input impedance</b>	350 kOhm discrete input
<b>Output voltage limits</b>	5...30 V DC relay output) 24...250 V AC
<b>Contacts type and composition</b>	NO relay output
<b>Output thermal current</b>	8 A for all 8 outputs relay output
<b>Electrical durability</b>	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
<b>Switching capacity in mA</b>	>= 10 mA 12 V relay output)
<b>Operating rate in Hz</b>	0.1 Hz at Ie)relay output 10 Hz no load)relay output
<b>Mechanical durability</b>	10000000 cycles relay output
<b>[Uimp] rated impulse withstand voltage</b>	4 kV conforming to EN/IEC 60947-1 and EN/IEC 60664-1
<b>Clock</b>	Without
<b>Response time</b>	50 ms ladder from state 0 to state 1)discrete input 50 ms ladder from state 1 to state 0)discrete input 50...255 ms FBD from state 0 to state 1)discrete input 50...255 ms FBD from state 1 to state 0)discrete input 10 ms from state 0 to state 1)relay output 5 ms from state 1 to state 0)relay output
<b>Connections - terminals</b>	screw terminals, 1 x 0.2...1 x 2.5 mm <sup>2</sup> AWG 25...AWG 14) semi-solid screw terminals, 1 x 0.2...1 x 2.5 mm <sup>2</sup> AWG 25...AWG 14) solid screw terminals, 1 x 0.25...1 x 2.5 mm <sup>2</sup> AWG 24...AWG 14) flexible with cable end screw terminals, 2 x 0.2...2 x 1.5 mm <sup>2</sup> AWG 24...AWG 16) solid screw terminals, 2 x 0.25...2 x 0.75 mm <sup>2</sup> AWG 24...AWG 18) flexible with cable end
<b>Tightening torque</b>	4.4 lbf.in (0.5 N.m)
<b>Overvoltage category</b>	III IEC 60664-1
<b>Net Weight</b>	1.87 lb(US) (0.85 kg)

## Environment

<b>Immunity to microbreaks</b>	10 ms
<b>Product Certifications</b>	UL C-tick GL CSA GOST
<b>Standards</b>	IEC 61000-4-2 level 3 IEC 60068-2-27 Ea IEC 61000-4-5 IEC 61000-4-6 level 3 IEC 61000-4-3 IEC 60068-2-6 Fc IEC 61000-4-4 level 3 IEC 61000-4-12 IEC 61000-4-11
<b>IP degree of protection</b>	IP20 IEC 60529 terminal block) IP40 IEC 60529 front panel)
<b>Environmental characteristic</b>	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
<b>Disturbance radiated/conducted</b>	Class B EN 55022-11 group 1
<b>Pollution degree</b>	2 IEC 61131-2

<b>Ambient air temperature for operation</b>	-4.000000000...104.000000000 °F (-20...40 °C) in non-ventilated enclosure IEC 60068-2-1 and IEC 60068-2-2 -4.000000000...131.000000000 °F (-20...55 °C) IEC 60068-2-1 and IEC 60068-2-2
<b>Ambient Air Temperature for Storage</b>	-40.000000000...158.000000000 °F (-40...70 °C)
<b>Operating altitude</b>	6561.68 ft (2000 m)
<b>Maximum altitude transport</b>	10000.000000000 ft (3048 m)
<b>Relative Humidity</b>	95 % without condensation or dripping water

## Ordering and shipping details

<b>Category</b>	US1000I22378
<b>Discount Schedule</b>	000I
<b>GTIN</b>	3389110549744
<b>Returnability</b>	No
<b>Country of origin</b>	FR

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	2.4 in (6.2 cm)
<b>Package 1 Width</b>	6.02 in (15.3 cm)
<b>Package 1 Length</b>	9.1 in (23.2 cm)
<b>Package 1 Weight</b>	21.1 oz (599 g)
<b>Unit Type of Package 2</b>	S03
<b>Number of Units in Package 2</b>	10
<b>Package 2 Height</b>	11.8 in (30 cm)
<b>Package 2 Width</b>	11.8 in (30 cm)
<b>Package 2 Length</b>	15.7 in (40 cm)
<b>Package 2 Weight</b>	14.579 lb(US) (6.613 kg)

## Contractual warranty

<b>Warranty</b>	18 months
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## 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-CO<sub>2</sub> 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](http://www.P65Warnings.ca.gov)"