Product data sheet

Specifications

Modular discovery packs, Zelio Logic, smart relay discoveryÂ pack, 10 I/O, 100...240 V AC

SR3PACKFU

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

Main

Range of Product	Zelio Logic
Product or Component Type	Modular discovery packs
Discrete input number	6
Number of outputs	4 relay

Complementary

Kit composition	SR3B101FU Cable PC SR2USB01 for connection to PC
Input/output number	10
Local display	With
Number or control scheme lines	120 ladder 0…200 FBD
Cycle time	6…90 ms
Backup time	10 years 77 °F (25 °C)
Clock drift	12 min/year 32…131 °F (0…55 °C) 6 s/month 77 °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	30 mA 240 V without extension) 40 mA 240 V with extensions) 80 mA 100 V with extensions) 80 mA 100 V without extension)
Power consumption in VA	12 VA with extensions 7 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	47...53 Hz 57...63 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.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Current state 0 guaranteed	<= 0.5 mA discrete input)
Input impedance	350 kOhm discrete input
Output voltage limits	5...30 V DC relay output) 24...250 V AC
Contacts type and composition	NO relay output
Output thermal current	8 A for all 4 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 Ie)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	With
Response time	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
Connections - terminals	screw terminals, 1 x 0.2...1 x 2.5 mm² AWG 25...AWG 14) semi-solid screw terminals, 1 x 0.2...1 x 2.5 mm² AWG 25...AWG 14) solid screw terminals, 1 x 0.25...1 x 2.5 mm² AWG 24...AWG 14) flexible with cable end screw terminals, 2 x 0.2...2 x 1.5 mm² AWG 24...AWG 16) solid screw terminals, 2 x 0.25...2 x 0.75 mm² AWG 24...AWG 18) flexible with cable end
Tightening torque	4.4 lbf.in (0.5 N.m)
Overvoltage category	III conforming to IEC 60664-1
Net Weight	1.5 lb(US) (0.7 kg)

Environment

Immunity to microbreaks	10 ms
Product Certifications	GOST C-tick GL CSA UL
Standards	IEC 61000-4-2 level 3 IEC 61000-4-4 level 3 IEC 61000-4-12 IEC 61000-4-5 IEC 61000-4-11 IEC 61000-4-3 IEC 61000-4-6 level 3 IEC 60068-2-6 Fc IEC 60068-2-27 Ea
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…104 °F (-20…40 °C) in non-ventilated enclosure IEC 60068-2-1 and IEC 60068-2-2 -4…131 °F (-20…55 °C) IEC 60068-2-1 and IEC 60068-2-2
Ambient Air Temperature for Storage	-40…158 °F (-40…70 °C)
Operating altitude	6561.68 ft (2000 m)
Maximum altitude transport	10000 ft (3048 m)
Relative Humidity	95 % without condensation or dripping water

Ordering and shipping details

Category	US1000I22378
Discount Schedule	000I
GTIN	3389110549973
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.36 in (6.000 cm)
Package 1 Width	6.10 in (15.500 cm)
Package 1 Length	9.13 in (23.200 cm)
Package 1 Weight	14.180 oz (402.000 g)
Unit Type of Package 2	S03
Number of Units in Package 2	10
Package 2 Height	11.81 in (30.000 cm)
Package 2 Width	11.81 in (30.000 cm)
Package 2 Length	15.75 in (40.000 cm)
Package 2 Weight	9.930 lb(US) (4.504 kg)

Contractual warranty

Warranty	18 months

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Environmental footprint

Carbon footprint (kg CO2 eq, Total Life cycle)	244
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
SCIP Number	Eee2fc35-1620-4b70-b1d5-206e9240044e
REACh Regulation	REACh Declaration
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
PVC free	Yes

Use Again

Repack and remanufacture

Circularity Profile	End of Life Information
Take-back	No
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.