

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

SR3PACKFU

Main

Range of product	Zelio Logic	
Product or component type	Modular discovery packs	
Discrete input number	6	
Number of outputs	4 relav	

Complementary

Kit composition	SR3B101FU Cable PC SR2USB01 for connection to PC	
Input/output number	10	
Local display	With	
Number or control scheme lines	120 with ladder programming 0200 with FBD programming	
Cycle time	690 ms	
Backup time	10 years at 25 °C	
Clock drift	12 min/year at 055 °C 6 s/month at 25 °C	
Checks	Program memory on each power up	
[Us] rated supply voltage	100240 V	
Supply voltage limits	85264 V	
Supply frequency	50/60 Hz	
Maximum supply current	30 mA at 240 V (without extension) 40 mA at 240 V (with extensions) 80 mA at 100 V (with extensions) 80 mA at 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	100240 V AC	
Discrete input current	0.6 mA	
Discrete input frequency	4753 Hz 5763 Hz	
Voltage state 1 guaranteed	>= 79 V for discrete input	
Voltage state 0 guaranteed	<= 40 V for discrete input	
Current state 1 guaranteed	>= 0.17 mA (discrete input)	

Current state 0 guaranteed	<= 0.5 mA (discrete input)	
Input impedance	350 kOhm for discrete input	
Output voltage limits	530 V DC (relay output) 24250 V AC	
Contacts type and composition	NO for relay output	
Output thermal current	8 A for all 4 outputs for relay output	
Electrical durability	AC-12: 500000 cycles at 230 V, 1.5 A for relay output conforming to IEC 60947-5-1 AC-15: 500000 cycles at 230 V, 0.9 A for relay output conforming to IEC 60947-5-1 DC-12: 500000 cycles at 24 V, 1.5 A for relay output conforming to IEC 60947-5-1 DC-13: 500000 cycles at 24 V, 0.6 A for relay output conforming to IEC 60947-5-1	
Switching capacity in mA	>= 10 mA at 12 V (relay output)	
Operating rate in Hz	0.1 Hz (at le) for relay output 10 Hz (no load) for relay output	
Mechanical durability	10000000 cycles for 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 with ladder programming (from state 0 to state 1) for discrete input 50 ms with ladder programming (from state 1 to state 0) for discrete input 50255 ms with FBD programming (from state 0 to state 1) for discrete input 50255 ms with FBD programming (from state 1 to state 0) for discrete input 10 ms (from state 0 to state 1) for relay output 5 ms (from state 1 to state 0) for 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	0.5 N.m	
Overvoltage category	III conforming to IEC 60664-1	
Product weight	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 (terminal block) conforming to IEC 60529	
	IP40 (front panel) conforming to IEC 60529	
Environmental characteristic	EMC directive conforming to IEC 61000-6-2	
	EMC directive conforming to IEC 61000-6-3	
	EMC directive conforming to IEC 61000-6-4	
	EMC directive conforming to IEC 61131-2 zone B	
	Low voltage directive conforming to IEC 61131-2	
Disturbance radiated/conducted	Class B conforming to EN 55022-11 group 1	
Pollution degree	2 conforming to IEC 61131-2	

Ambient air temperature for operation	-2040 °C in non-ventilated enclosure conforming to IEC 60068-2-1 and IEC 60068-2-2 -2055 °C conforming to IEC 60068-2-1 and IEC 60068-2-2	
Ambient air temperature for storage	-4070 °C	
Operating altitude	2000 m	
Maximum altitude transport	3048 m	
Relative humidity	95 % without condensation or dripping water	

Packing Units

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Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	6.000 cm
Package 1 Width	15.500 cm
Package 1 Length	23.200 cm
Package 1 Weight	402.000 g
Unit Type of Package 2	S03
Number of Units in Package 2	10
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	4.504 kg

Contractual warranty

Warranty 18 months



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	
Total lifecycle Carbon footprint	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	
End of life manual availability	End of Life Information
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins