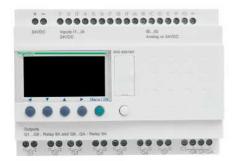
# SR3PACK2FU

Number of outputs

modular smart relay Zelio Logic - "discovery" pack - 26 I O - 100..240 V AC



# Main Commercial Status Commercialised Range of product Zelio Logic Product or component type Discrete input number 16

10 relay output(s)

### Complementary

Kit composition	Cable PC SR2USB01 for connection to PC SR3B261FU
Innut/Output number	Zelio Soft 2 programming software CD-ROM
Input/Output number	26
Local display	With
Number or control scheme lines	120 with ladder programming <= 200 with FBD programming
Cycle time	690 ms
Backup time	10 years at 25 °C
Clock drift	6 s/month at 25 °C 12 min/year at 055 °C
Checks	Program memory on each power up
[Us] rated supply voltage	100240 V
Supply voltage limits	85264 V
Supply frequency	50/60 Hz
Supply current	80 mA at 100 V (with extensions) 60 mA at 240 V (with extensions) 50 mA at 240 V (without extension) 100 mA at 100 V (without extension)
Power consumption in VA	17 VA with extensions 12 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 state1 guaranteed	>= 79 V for discrete input
Voltage state 0 guaranteed	<= 40 V for discrete input
Current state 1 guaranteed	> 0.17 mA for discrete input
Current state 0 guaranteed	< 0.5 mA for discrete input
Input impedance	350 kOhm (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 8 outputs (relay output) 5 A for 2 outputs (relay output)

Electrical durability	500000 cycles DC-13 at 24 V, 0.6 A for relay output conforming to EN/IEC 60947-5-1
	500000 cycles DC-12 at 24 V, 1.5 A for relay output conforming to EN/IEC
	60947-5-1
	500000 cycles AC-15 at 230 V, 0.9 A for relay output conforming to EN/IEC
	60947-5-1
	500000 cycles AC-12 at 230 V, 1.5 A for relay output conforming to EN/IEC 60947-5-1
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Switching capacity in mA	>= 10 mA at 12 V (relay output)
Operating rate in Hz	10 Hz (no load) for relay output
	0.1 Hz (at le) for 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	50255 ms with FBD programming (from state 1 to state 0) for discrete input
	50255 ms with FBD programming (from state 0 to state 1) for discrete input
	50 ms with ladder programming (from state 1 to state 0) for discrete input
	50 ms with ladder programming (from state 0 to state 1) for discrete input 5 ms (from state 1 to state 0) for relay output
	10 ms (from state 0 to state 1) for relay output
Connections - terminals	Screw terminals, clamping capacity: 2 x 0.252 x 0.75 mm² AWG 2418 flexible
	with cable end
	Screw terminals, clamping capacity: 2 x 0.22 x 1.5 mm² AWG 2416 solid Screw terminals, clamping capacity: 1 x 0.251 x 2.5 mm² AWG 2414 flexible
	with cable end
	Screw terminals, clamping capacity: 1 x 0.21 x 2.5 mm <sup>2</sup> AWG 2514 solid
	Screw terminals, clamping capacity: 1 x 0.21 x 2.5 mm² AWG 2514 semi-solid
Tightening torque	0.5 N.m
Overvoltage category	III conforming to EN/IEC 60664-1
Product weight	0.85 kg

### Environment

Immunity to microbreaks	<= 10 ms
Product certifications	CSA C-Tick GL GOST UL
Standards	EN/IEC 60068-2-27 Ea EN/IEC 60068-2-6 Fc EN/IEC 61000-4-11 EN/IEC 61000-4-12 EN/IEC 61000-4-2 level 3 EN/IEC 61000-4-3 EN/IEC 61000-4-4 level 3 EN/IEC 61000-4-5 EN/IEC 61000-4-6 level 3
P degree of protection	IP40 (front panel) conforming to IEC 60529 IP20 (terminal block) conforming to IEC 60529
Environmental characteristic	Low voltage directive conforming to EN/IEC 61131-2 EMC directive conforming to EN/IEC 61131-2 zone B EMC directive conforming to EN/IEC 61000-6-4 EMC directive conforming to EN/IEC 61000-6-3 EMC directive conforming to EN/IEC 61000-6-2
Disturbance radiated/conducted	Class B conforming to EN 55022-11 group 1
Pollution degree	2 conforming to EN/IEC 61131-2
Ambient air temperature for operation	-2055 °C conforming to IEC 60068-2-1 and IEC 60068-2-2 -2040 °C in non-ventilated enclosure conforming to IEC 60068-2-1 and IEC 60068-2-2
Ambient air temperature for storage	-4070 °C
Operating altitude	2000 m
Altitude transport	<= 3048 m
Relative humidity	95 % without condensation or dripping water

## Contractual warranty

Period	18 months
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