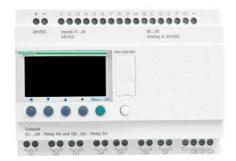
SR3PACK2FU

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



Main

Range of product	Zelio Logic
Product or component type	Modular discovery packs
Discrete input number	16
Number of outputs	10 relay output(s)

Complementary

Kit composition	Cable PC SR2USB01 for connection to PC SR3B261FU
Input/Output pumber	Zelio Soft 2 programming software CD-ROM 26
Input/Output number	
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	24250 V AC 530 V DC (relay output)
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
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	5 ms (from state 1 to state 0) for relay output 10 ms (from state 0 to state 1) for relay output
	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
Connections - terminals	Screw terminals, clamping capacity: 2 x 0.252 x 0.75 mm² AWG 24AWG 18
	flexible with cable end Screw terminals, clamping capacity: 2 x 0.22 x 1.5 mm ² AWG 24AWG 16 sol-
	id
	Screw terminals, clamping capacity: 1 x 0.251 x 2.5 mm² AWG 24AWG 14 flexible with cable end
	Screw terminals, clamping capacity: 1 x 0.21 x 2.5 mm² AWG 25AWG 14 sol
	id Screw terminals, clamping capacity: 1 x 0.21 x 2.5 mm² AWG 25AWG 14 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
IP 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



2000 m

<= 3048 m

95 % without condensation or dripping water

Operating altitude

Altitude transport

Relative humidity