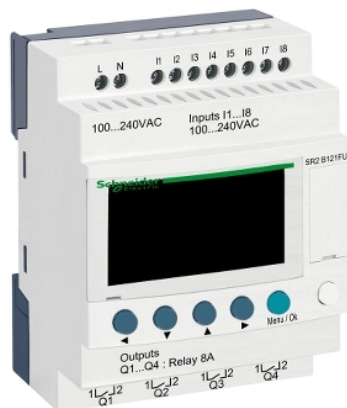


Hoja de datos del producto

Características

SR2B121FU

Rele Zelio - 8 entradas - 4 salidas - con reloj -
240V AC - con display



Principal

Gama de producto	Zelio Logic
Tipo de producto o componente	Compact smart relay

Complementos

Local display	With
Number or control scheme lines	0...500 with FBD programming 0...240 with ladder programming
Cycle time	6...90 ms
Backup time	10 years at 25 °C
Clock drift	6 s/month at 25 °C 12 min/year at 0...55 °C
Checks	Program memory on each power up
[Us] rated supply voltage	100...240 V AC
Supply voltage limits	85...264 V
Supply frequency	50/60 Hz
Supply current	30 mA at 240 V (without extension) 80 mA at 100 V (without extension)
Power consumption in VA	7 VA without extension
Isolation voltage	1780 V
Tipo de proteccion	Against inversion of terminals (control instructions not executed)
Discrete input number	8
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 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)
Number of outputs	4 relay output(s)
Output voltage limits	24...250 V AC 5...30 V DC (relay output)
Contacts type and composition	NO for relay output
Output thermal current	8 A for all 4 outputs (relay output)

Durabilidad eléctrica	500000 cycles AC-12at 230 V, 1.5 Afor relay output conforming to EN/IEC 60947-5-1 500000 cycles AC-15at 230 V, 0.9 Afor relay output conforming to EN/IEC 60947-5-1 500000 cycles DC-12at 24 V, 1.5 Afor relay output conforming to EN/IEC 60947-5-1 500000 cycles DC-13at 24 V, 0.6 Afor relay output conforming to EN/IEC 60947-5-1
Switching capacity in mA	>= 10 mAat 12 V (relay output)
Operating rate in Hz	0.1 Hz (at Ie)for relay output 10 Hz (no load)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	10 ms (from state 0 to state 1)for relay output 5 ms (from state 1 to state 0)for relay output 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 50...255 ms with FBD programming (from state 0 to state 1)for discrete input 50...255 ms with FBD programming (from state 1 to state 0)for discrete input
Conexiones - terminales	Terminales de tornillo, clamping capacity: 1 x 0.2...1 x 2.5 mm² AWG 25...AWG 14 semi-solid Terminales de tornillo, clamping capacity: 1 x 0.2...1 x 2.5 mm² AWG 25...AWG 14 solid Terminales de tornillo, clamping capacity: 1 x 0.25...1 x 2.5 mm² AWG 24...AWG 14 Flexible with cable end Terminales de tornillo, clamping capacity: 2 x 0.2...2 x 1.5 mm² AWG 24...AWG 16 solid Terminales de tornillo, clamping capacity: 2 x 0.25...2 x 0.75 mm² AWG 24...AWG 18 Flexible with cable end
Tightening torque	0.5 N.m
Overvoltage category	III conforming to EN/IEC 60664-1
Peso del producto	0.25 kg

Ambiente

Immunity to microbreaks	<= 10 ms
Certificaciones de producto	GL C-Tick UL GOST CSA
Normas	EN/IEC 61000-4-11 EN/IEC 61000-4-6 level 3 EN/IEC 60068-2-27 Ea EN/IEC 61000-4-5 EN/IEC 61000-4-12 EN/IEC 61000-4-2 level 3 EN/IEC 61000-4-3 EN/IEC 60068-2-6 Fc EN/IEC 61000-4-4 level 3
IP degree of protection	IP20 (terminal block) conforme a IEC 60529 IP40 (front panel) conforme a IEC 60529
Environmental characteristic	EMC directive conforming to EN/IEC 61000-6-2 EMC directive conforming to EN/IEC 61000-6-3 EMC directive conforming to EN/IEC 61000-6-4 EMC directive conforming to EN/IEC 61131-2 zone B Low voltage directive conforming to EN/IEC 61131-2
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	-20...40 °C in non-ventilated enclosure conforming to IEC 60068-2-1 and IEC 60068-2-2 -20...55 °C conforming to IEC 60068-2-1 and IEC 60068-2-2
Temperatura ambiente de almacenamiento	-40...70 °C
Operating altitude	2000 m
Altitude transport	<= 3048 m
Relative humidity	95 % without condensation or dripping water

Garantia contractual

Warranty period	18 months
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