



Price** : 288.00 USD



Main

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| Range of product | Zelio Logic |
| Product or component type | Compact smart relay |

Complementary

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| Local display | With |
| Number of control scheme lines | 0...240 ladder 0...500 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 AC |
| Supply voltage limits | 85...264 V |
| Supply frequency | 50/60 Hz |
| Maximum supply current | 30 mA 240 V without extension) 80 mA 100 V without extension) |
| Power consumption in VA | 7 VA without extension |
| Isolation voltage | 1780 V |
| Protection type | 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 | 47...53 Hz 57...63 Hz |
| Voltage state 1 guaranteed | >= 79 V discrete input |
| Voltage state 0 guaranteed | <= 40 V discrete input |

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| Current state 1 guaranteed | >= 0.17 mA discrete input) |
| Current state 0 guaranteed | <= 0.5 mA discrete input) |
| Input impedance | 350 kOhm discrete input |
| Number of outputs | 4 relay |
| 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 EN/IEC 60947-5-1 AC-15 500000 cycles 230 V, 0.9 A relay output EN/IEC 60947-5-1 DC-12 500000 cycles 24 V, 1.5 A relay output EN/IEC 60947-5-1 DC-13 500000 cycles 24 V, 0.6 A relay output EN/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 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 mm ² AWG 25...AWG 14) semi-solid Screw terminals, 1 x 0.2...1 x 2.5 mm ² AWG 25...AWG 14) solid Screw terminals, 1 x 0.25...1 x 2.5 mm ² AWG 24...AWG 14) flexible with cable end Screw terminals, 2 x 0.2...2 x 1.5 mm ² AWG 24...AWG 16) solid Screw terminals, 2 x 0.25...2 x 0.75 mm ² AWG 24...AWG 18) flexible with cable end |
| Tightening torque | 4.43 lbf.in (0.5 N.m) |
| Overvoltage category | III EN/IEC 60664-1 |
| Net weight | 0.55 lb(US) (0.25 kg) |

Environment

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|---------------------------------------|---|
| Immunity to microbreaks | 10 ms |
| Product certifications | GL GOST UL CSA C-Tick |
| Standards | EN/IEC 61000-4-4 level 3 EN/IEC 60068-2-27 Ea EN/IEC 61000-4-5 EN/IEC 61000-4-11 EN/IEC 61000-4-12 EN/IEC 61000-4-3 EN/IEC 60068-2-6 Fc EN/IEC 61000-4-2 level 3 EN/IEC 61000-4-6 level 3 |
| IP degree of protection | IP20 IEC 60529 terminal block) IP40 IEC 60529 front panel) |
| Environmental characteristic | EMC directive EN/IEC 61000-6-2 EMC directive EN/IEC 61000-6-3 EMC directive EN/IEC 61000-6-4 EMC directive EN/IEC 61131-2 zone B Low voltage directive EN/IEC 61131-2 |
| Disturbance radiated/conducted | Class B EN 55022-11 group 1 |
| Pollution degree | 2 EN/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) |

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| Maximum altitude transport | 10000.00 ft (3048 m) |
| Relative humidity | 95 % without condensation or dripping water |

Ordering and shipping details

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| Category | 22378 - SR2,3 ZELIO 2 RELAYS |
| Discount Schedule | I |
| GTIN | 00785901571889 |
| Package weight(Lbs) | 0.25 kg (0.55 lb(US)) |
| Returnability | Yes |
| Country of origin | FR |

Offer Sustainability

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|----------------------------|--|
| Sustainable offer status | Green Premium product |
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS declaration |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End of Life Information |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins. |

Contractual warranty

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| Warranty | 18 months |
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