



Main

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|---------------------------|---------------------------------------|
| Range of product | Modicon TSX Micro automation platform |
| Product or component type | Discrete solid state I/O base DC |
| Discrete input number | 32 1 HE-10 connector |
| Discrete input voltage | 24 V DC positive |
| Discrete input current | 3.5 mA |
| Discrete input type | Current sink |
| Discrete output number | 32 1 HE-10 connector |
| Discrete output voltage | 24 V DC |
| Discrete output current | 0.1 mA |
| Discrete output logic | Positive |

Complementary

| | |
|---------------------------------|--|
| Input voltage limits | < 5 V at state 0 >= 11 V at state 1 |
| Input current limits | <= 1.5 mA at state 0 >= 2.5 mA at state 1 |
| Input impedance | 6.3 Ohm |
| Response time | < 2.5 ms from state 0 to state 1 output < 2.5 ms from state 1 to state 0 output 0.1...7.5 ms from state 0 to state 1 input 0.1...7.5 ms from state 1 to state 0 input |
| Input compatibility | 2-wire/3-wire proximity sensor |
| Current consumption | 197 mA |
| Power dissipation in W | 5 W input 0.15 W by channel output 3.5 W by module output |
| Output voltage limits | 19...30 V |
| Output current limits | 0.25 A |
| Leakage current | <= 0.1 mA at state 0 |
| [Ures] residual voltage | <= 1.5 V |
| Load impedance ohmic | 220 Ohm |
| Switching frequency | < 0.5/LI ² Hz |
| Output overvoltage protection | By zener diode |
| Output short-circuit protection | By current limiter and electronic circuit breaker |
| Reverse polarity protection | Reverse diode on power supply |
| Paralleling of outputs | Yes : 3 maximum |
| Isolation voltage | 1500 V 1 s |
| Product weight | 0.41 kg |

Environment

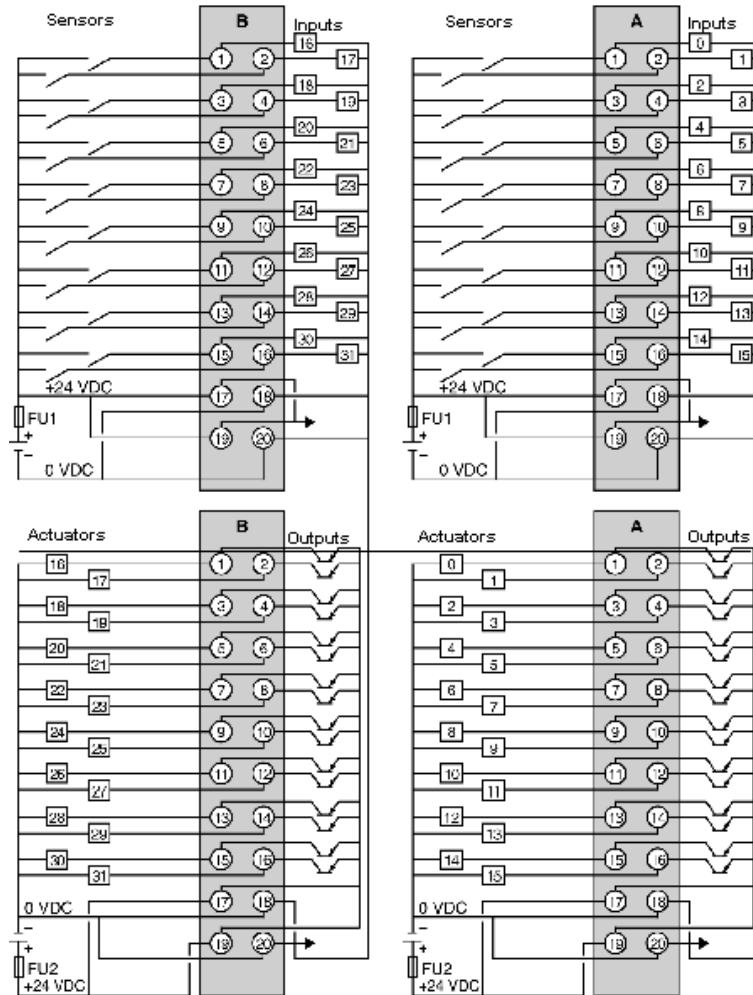
| | |
|-----------|-------------------|
| Standards | IEC 1131-2 Type 1 |
|-----------|-------------------|

Offer Sustainability

| | |
|-------------------------------|--|
| Sustainable offer status | Not Green Premium product |
| RoHS (date code: YYWW) | Will not be Compliant |
| Product environmental profile | Available Download Product Environmental |

Sensors/Inputs and Actuators/Outputs Connections

Wiring Diagram



FU1 = 0.5A fuse with rapid fusion.

FU2 = 2A fuse with rapid fusion.