



Main

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

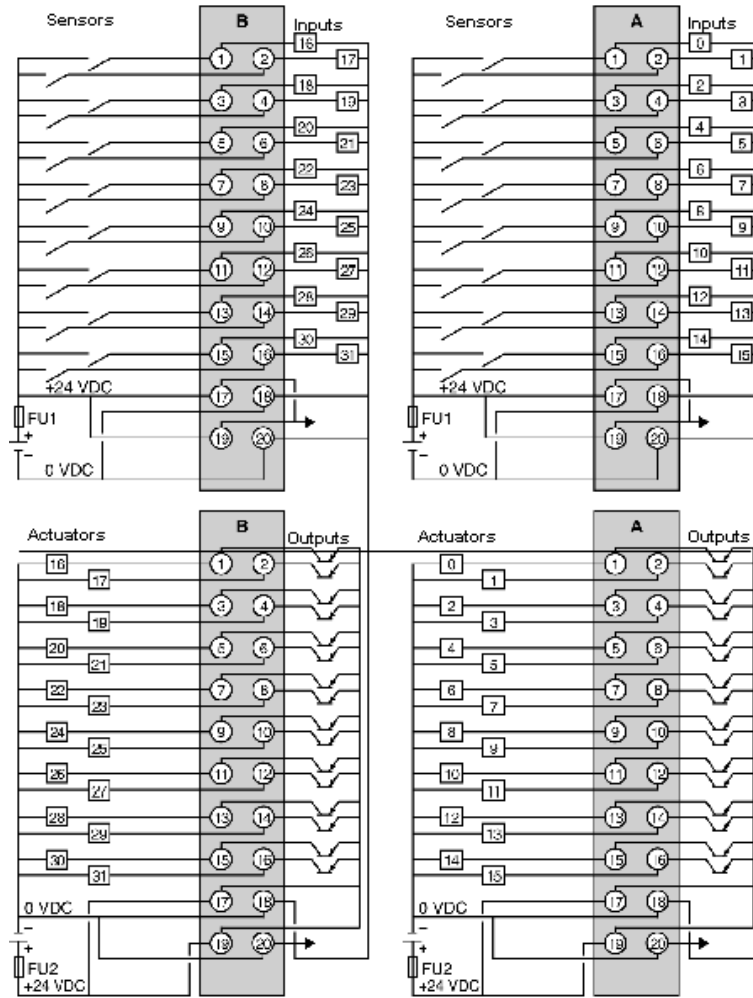
Standards	IEC 1131-2 Type 1
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Offer Sustainability

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.