



### Main

Range of product	Modicon TSX Micro automation platform
Product or component type	Discrete solid state I/O base DC
Discrete input number	16 1 HE-10 connector
Discrete input voltage	24 V DC positive
Discrete input current	7 mA
Discrete input type	Resistive
Discrete output number	12 screw terminal block
Discrete output voltage	24 V DC
Discrete output current	0.5 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	3.4 Ohm
Response time	0.1...7.5 ms from state 0 to state 1 input 0.1...7.5 ms from state 1 to state 0 input <= 0.5 ms from state 0 to state 1 output <= 0.5 ms from state 1 to state 0 output
Input compatibility	2-wire/3-wire proximity sensor
Current consumption	132 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	0.625 A
Leakage current	<= 0.5 mA at state 0
[Ures] residual voltage	<= 0.3 V
Load impedance ohmic	48 Ohm
Switching frequency	< 0.6/LI <sup>2</sup> 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 : 2 maximum
Isolation voltage	1500 V 1 s
Product weight	0.425 kg

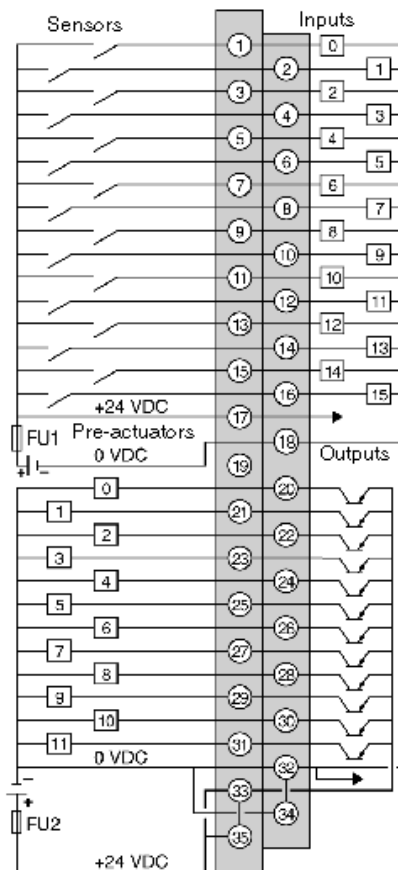
### Environment

Standards	IEC 1131-2 Type 1
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## Sensors/Inputs and pre-Actuators/Outputs Connections

### Wiring Diagram



FU1 = 0.5A fuse with rapid fusion.

FU2 = 6.3A fuse with rapid fusion.