



### Main

Range of product	Modicon TSX Micro automation platform
Product or component type	Discrete relay I/O base
Discrete input number	16 screw terminal block
Discrete input voltage	24 V DC negative
Discrete input current	9 mA

### Complementary

Input voltage limits	$\leq 8$ V at state 1
Current state 0 guaranteed	$\leq 1.5$ mA
Current state 1 guaranteed	$\geq 2.5$ mA
Input impedance	4 Ohm
Response time	0.1...7.5 ms input at state 0 to state 1 0.1...7.5 ms input at state 1 to state 0 < 10 ms output
Input compatibility	2-wire/3-wire proximity sensor
Load type	Resistive
Current consumption	160 mA positive 131 mA negative
Power dissipation in W	4.5 W
Output voltage limits	10...34 V DC 19...264 V AC
Contacts type and composition	NO
Power consumption in VA	50 VA 24 V AC-12 resistive 110 VA 48 V AC-12 resistive 220 VA 110 V AC-12 resistive 220 VA 220 V AC-12 resistive 24 VA 24 V AC-15 inductive 24 VA 48 V AC-15 inductive 220 VA 220 V AC-15 inductive 110 VA 110 V AC-15 inductive
Power consumption in W	40 W 24 V DC-12 resistive 24 W 24 V DC-13 inductive
Isolation voltage	1500 V 1 s
Insulation resistance	$\geq 10$ mOhm
Product weight	1.1 lb(US) (0.5 kg)

### Environment

standards	IEC 1131-2 Type 1
[Ith] conventional free air thermal current	3 A

### Offer Sustainability

Not Green Premium product	Not Green Premium product
Will not be Compliant	Will not be Compliant
Available	Available

WARNING: This product can expose you to chemicals including:      WARNING: This product can expose you to chemicals including:  
Lead and lead compounds which is known to the State of California to cause cancer and birth defects or other      Lead and lead compounds which is known to the State of California to cause cancer and birth defects or other reproductive harm.

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

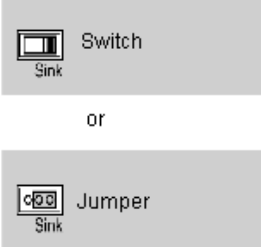
**Contractual warranty**

Warranty period 18 months

**Sensors/Inputs and Actuators/Outputs Connections**

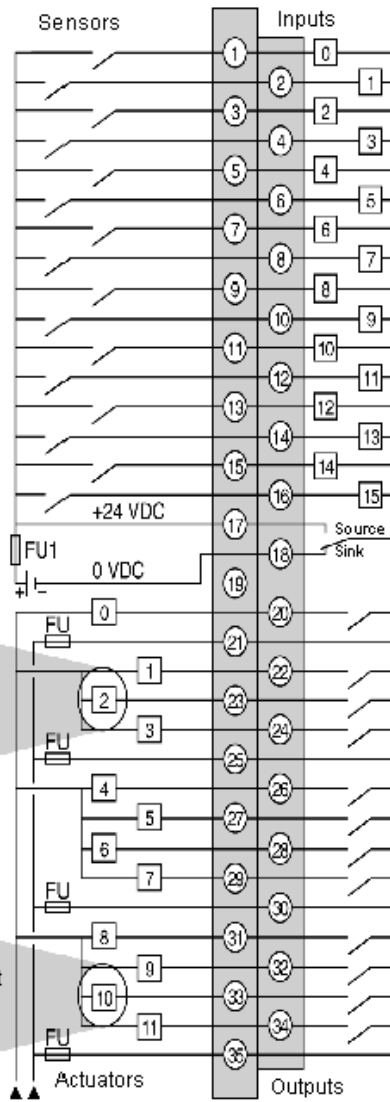
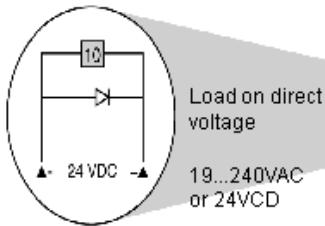
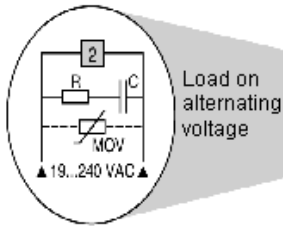
**Wiring Diagrams**

Positive logic input (Sink)



Inputs hardware configuration

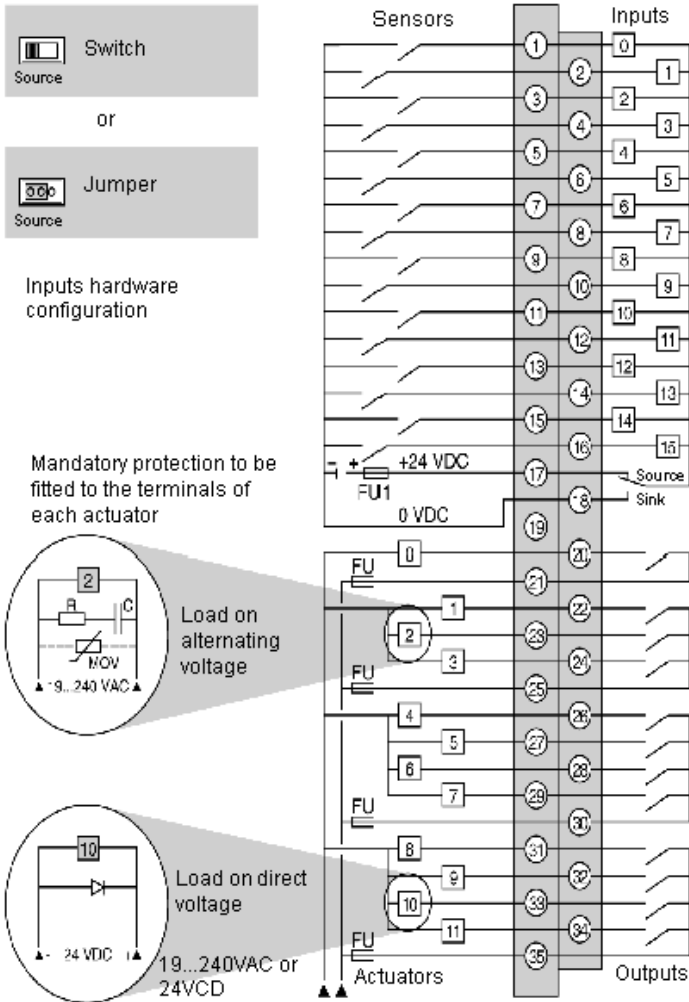
Mandatory protection to be fitted to the terminals of each actuator



FU1 = 0.5A fast-blow fuse.

FU = Fast-blow fuses to be calibrated according to the load.

Negative logic input (Source)



FU1 = 0.5A fast-blow fuse.

FU = Fast-blow fuses to be calibrated according to the load