Product datasheet
Characteristics

TSXDMZ28DR

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	<= 8 V at state 1
Current state 0 guaranteed	<= 1.5 mA
Current state 1 guaranteed	>= 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	>= 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.

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reproductive harm.

Contractual warranty

Warranty period	18 months

Sensors/Inputs and Actuators/Outputs Connections

Wiring Diagrams

Positive logic input (Sink)
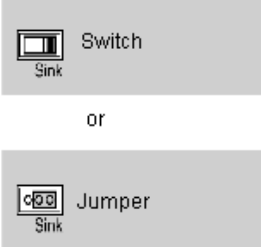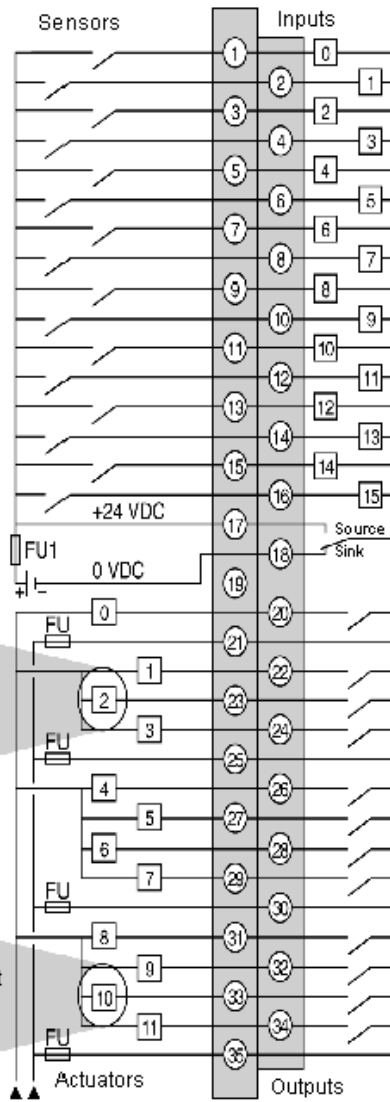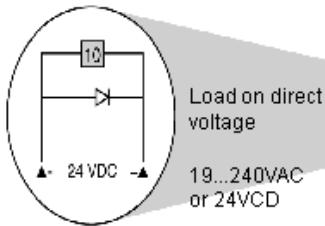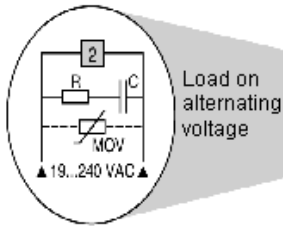
FU1 = 0.5A fast-blow fuse.

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