



### Main

Range of product	Modicon TSX Micro automation platform
Product or component type	Modular base controller
Primary voltage	100...240 V 90...264 V AC
Input current	2 MA 60 A
Immunity to microbreaks	20 Ms
Output current	0.5 A

### Complementary

Number of slots	2
Module type	Screw terminal discrete I/O
Discrete output number	12 for relay
Integrated connection type	1 serial link Uni-Telway 19.2 kbit/s 1 Modbus Modbus RTU 19.2 kbit/s
Memory description	Internal RAM 11 Kwords data Flash 12 Kwords data
Maximum size of object areas	128 %KWi constant words 256 %Mi 1 %MWi internal words
Execution time per instruction	0.25 $\mu$ s Boolean without PCMCIA card 4.81 $\mu$ s arithmetic REAL floating without PCMCIA card
Execution time for 1 Kinstruction	3.03 100 % Boolean without PCMCIA card 0.25 65 % Boolean and 35 % numerical without PCMCIA card
Application structure	8 event tasks 1 master task 1 fast task
System overhead	1.9 Ms for master task
Protection type	Overload protection Short-circuit
Network frequency	50...60 Hz
Total useful secondary power	24 W
Electromagnetic compatibility	Electrostatic discharge conforming to IEC 1000-4-2 level 3 Electromagnetic field immunity test conforming to IEC 1000-4-3 level 3 Resistance to fast transient conforming to IEC 1000-4-4 level 3 Immunity to impulse waves conforming to IEC 1000-4-5 Damped oscillatory wave conforming to IEC 1000-4-12 Immunity to electromagnetic interference conforming to IEC 61131-2

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## Environment

Ambient air temperature for operation	0...60 °C
Ambient air temperature for storage	-25...70 °C
Relative humidity	10...95 % without condensation for operation 5...95 % without condensation for operation
Operating altitude	0...2000 m
Width	187.3 Mm
Height	151 Mm
Depth	152 Mm
Net weight	2.37 Kg

## Offer Sustainability

EU RoHS Directive	Not applicable, out of EU RoHS legal scope
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

## Contractual warranty

Warranty	18 months
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Product Life Status : **Commercialised**