



Main

Commercial Status	Commercialised
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	3
Analogue input type	0...10 V 8
Analogue output type	0...10 V 1
Counting input type	Incremental 1 10 Hz Discrete incremental counter 1 10 Hz
Integrated connection type	1 Modbus Modbus RTU 19.2 kbit/s 1 serial link (TER/AUX) Uni-Telway 19.2 kbit/s
Realtime clock	With
Memory description	Internal RAM 128 Kwords data storage Internal RAM (with PCMCIA card) 128 Kwords program and data Internal RAM 20 Kwords data Flash 15 Kwords data
Maximum size of object areas	256 %Mi 1 %MWi internal words 128 %KW constant words
Execution time per instruction	4.5 µs arithmetic REAL floating with PCMCIA card 0.19 µs Boolean with PCMCIA card 4.5 µs arithmetic REAL floating without PCMCIA card 0.13 µs Boolean without PCMCIA card
Execution time for 1 K instruction	0.266 65 % Boolean and 35 % numerical with PCMCIA card 4 100 % Boolean with PCMCIA card 0.27 65 % Boolean and 35 % numerical without PCMCIA card 5.88 100 % Boolean without PCMCIA card
Application structure	1 fast task 1 master task 16 event tasks
System overhead	2.3 ms master task
Protection type	Overload protection Short-circuit
Network frequency	50...60 Hz
Total useful secondary power	24 W
Electromagnetic compatibility	Immunity to electromagnetic interference IEC 61131-2 Damped oscillatory wave IEC 1000-4-12 Immunity to impulse waves IEC 1000-4-5 Resistance to fast transient IEC 1000-4-4 level 3 Electromagnetic field immunity test IEC 1000-4-3 level 3 Electrostatic discharge IEC 1000-4-2 level 3

Environment

Ambient air temperature for operation	32...140 °F (0...60 °C)
Ambient air temperature for storage	-13...158 °F (-25...70 °C)
Relative humidity	5...95 % without condensation for operation 10...95 % without condensation for operation
Operating altitude	0...6561.68 ft (0...2000 m)
Width	13.44 in (341.4 mm)
Height	5.94 in (151 mm)
Depth	5.98 in (152 mm)
Product weight	3.86 lb(US) (1.75 kg)

Ordering and shipping details

Category	22556 - TSX MICRO, PL7 MICRO & ACCESS
Discount Schedule	PC14
GTIN	00785901580560
Nbr. of units in pkg.	1
Package weight(Lbs)	4.41
Product availability	Stock - Normally stocked in distribution facility
Returnability	Y
Country of origin	FR

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS	Will not be Compliant
REACH	Reference contains SVHC above the threshold - go to CaP for more details

Contractual warranty

Period	18 months
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