

Product availability : Stock - Normally stocked in distribution facility



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

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|-----------------------------------|--|
| Number of slots | 3 |
| Integrated connection type | 1 serial link (TER/AUX) Uni-Telway 19.2 kbit/s 1 Modbus Modbus RTU 19.2 kbit/s |
| Realtime clock | With |
| Memory description | Internal RAM 20 Kwords data Internal RAM (with PCMCIA card) 128 Kwords program and data Internal RAM 128 Kwords data storage Flash 15 Kwords data |
| Maximum size of object areas | 1 %MWi internal words 256 %Mi 128 %KW constant words |
| Execution time per instruction | 0.13 µs Boolean without PCMCIA card 4.5 µs arithmetic REAL floating without PCMCIA card 0.19 µs Boolean with PCMCIA card 4.5 µs arithmetic REAL floating with PCMCIA card |
| Execution time for 1 Kinstruction | 5.88 100 % Boolean without PCMCIA card 0.27 65 % Boolean and 35 % numerical without PCMCIA card 4 100 % Boolean with PCMCIA card 0.266 65 % Boolean and 35 % numerical with PCMCIA card |
| Application structure | 16 event tasks 1 fast task 1 master task |
| System overhead | 1.6 ms master task |
| Protection type | Overload protection |

Short-circuit

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|-------------------------------|--|
| Total useful secondary power | 16 W |
| Electromagnetic compatibility | Electrostatic discharge IEC 1000-4-2 level 3 Electromagnetic field immunity test IEC 1000-4-3 level 3 Resistance to fast transient IEC 1000-4-4 level 3 Immunity to impulse waves IEC 1000-4-5 Damped oscillatory wave IEC 1000-4-12 Immunity to electromagnetic interference IEC 61131-2 |

Environment

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|---------------------------------------|---|
| 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 | 3.79 lb(US) (1.72 kg) |

Ordering and shipping details

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|-----------------------|---------------------------------------|
| Category | 22556 - TSX MICRO, PL7 MICRO & ACCESS |
| Discount Schedule | PC14 |
| GTIN | 00785901871057 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 4 |
| Returnability | Y |
| Country of origin | FR |

Offer Sustainability

| | |
|--------------------------|---|
| Sustainable offer status | Not Green Premium product |
| RoHS (date code: YYWW) | Will not be compliant Will not be compliant |
| REACH | Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold |

Contractual warranty

| | |
|-----------------|-----------|
| Warranty period | 18 months |
|-----------------|-----------|