



### 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 relay   |
| Integrated connection type        | 1 serial link Uni-Telway 19.2 kbit/s<br>1 Modbus Modbus RTU 19.2 kbit/s  |
| Memory description                | Flash 12 Kwords data<br>Internal RAM 11 Kwords data  |
| Maximum size of object areas      | 256 %Mi<br>1 %MWi internal words<br>128 %KW constant words   |
| Execution time per instruction    | 0.25 µs Boolean without PCMCIA card<br>4.81 µs arithmetic REAL floating without PCMCIA card  |
| Execution time for 1 Kinstruction | 3.03 100 % Boolean without PCMCIA card<br>0.25 65 % Boolean and 35 % numerical without PCMCIA card   |
| Application structure             | 1 fast task<br>1 master task<br>8 event tasks  |
| System overhead                   | 1.9 ms master task   |
| Protection type                   | Overload protection<br>Short-circuit   |
| Network frequency                 | 50...60 Hz   |
| Total useful secondary power      | 24 W   |
| Electromagnetic compatibility     | Electrostatic discharge IEC 1000-4-2 level 3<br>Electromagnetic field immunity test IEC 1000-4-3 level 3<br>Resistance to fast transient IEC 1000-4-4 level 3<br>Immunity to impulse waves IEC 1000-4-5<br>Damped oscillatory wave IEC 1000-4-12 |

Disclaimer: 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

## Environment

|                                       |   |
|---------------------------------------|---|
| Ambient air temperature for operation | 0...60 °C   |
| Ambient air temperature for storage   | -25...70 °C   |
| Relative humidity                     | 5...95 % without condensation for operation<br>10...95 % without condensation for operation |
| Operating altitude                    | 0...2000 m  |
| Width                                 | 187.3 mm  |
| Height                                | 151 mm  |
| Depth                                 | 152 mm  |
| Product weight                        | 2.37 kg   |

## Offer Sustainability

|                        |  |
|------------------------|--|
| RoHS (date code: YYWW) | Will not be compliant<br>Will not be compliant   |
| REACH                  | Reference not containing SVHC above the threshold<br>Reference not containing SVHC above the threshold |

## Contractual warranty

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