

Product datasheet

Specifications



Modular base controller, Modicon TSX Micro, UNI-TELWAY, 0.5A, 19.2kbit/s

TSX3721001

! Discontinued - Service only

! Discontinued on: Jan 23, 2021 AD

! To be end-of-service on: Dec 31, 2027 AD

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	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	Flash 15 Kwords data Internal RAM 20 Kwords data Internal RAM (with PCMCIA card) 128 Kwords program and data Internal RAM 128 Kwords data storage
Maximum size of object areas	128 %KW constant words 256 %Mi 1 %MW internal 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 master task 1 fast task
System overhead	1.6 ms for master task
Protection type	Overload protection Short-circuit
Total useful secondary power	16 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

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	10...95 % without condensation for operation 5...95 % without condensation for operation
Operating altitude	0...2000 m
Width	341.4 mm
Height	151 mm
Depth	152 mm
Product weight	1.72 kg

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	15.0 cm
Package 1 Width	17.0 cm
Package 1 Length	24.0 cm
Package 1 Weight	1.824 kg

Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Use Better



Materials and Substances

EU RoHS Directive

[Compliant](#)

Use Longer



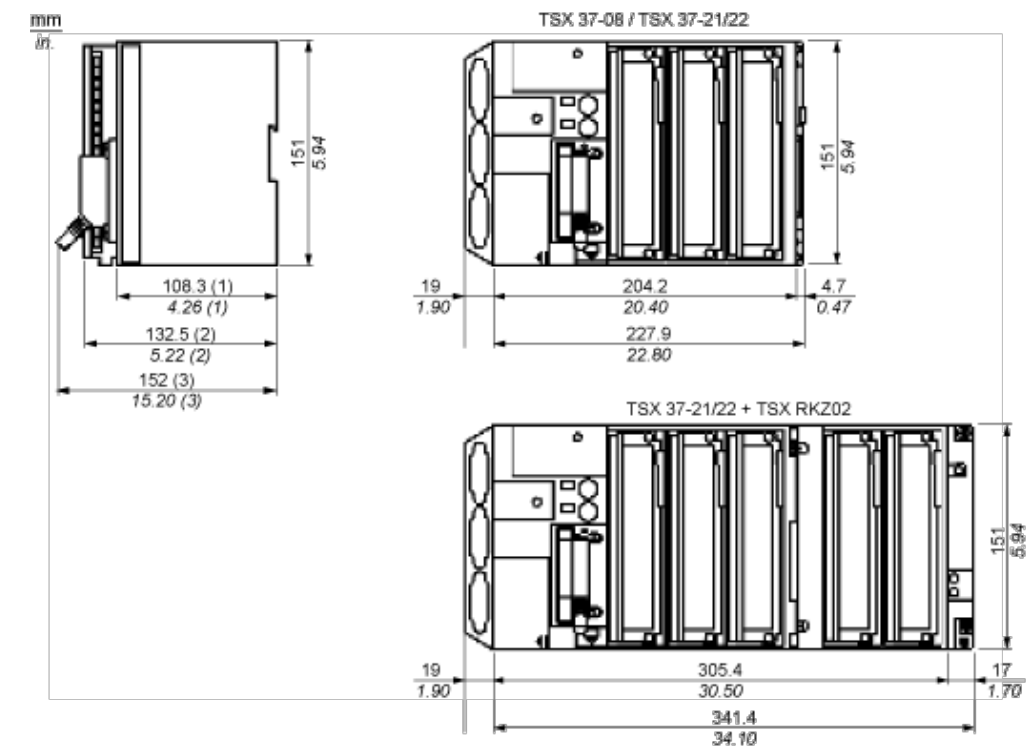
Lifetime extension

Repair

No

Dimensions Drawings

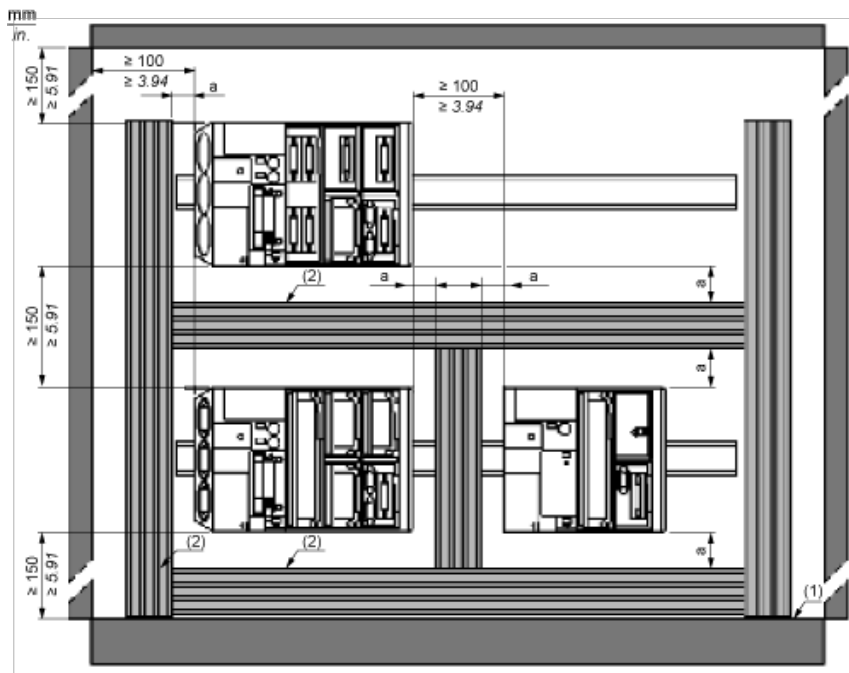
Dimensions



- (1) PLC empty.
- (2) With screw terminal block.
- (3) With HE10 or SubD connector.

Mounting and Clearance

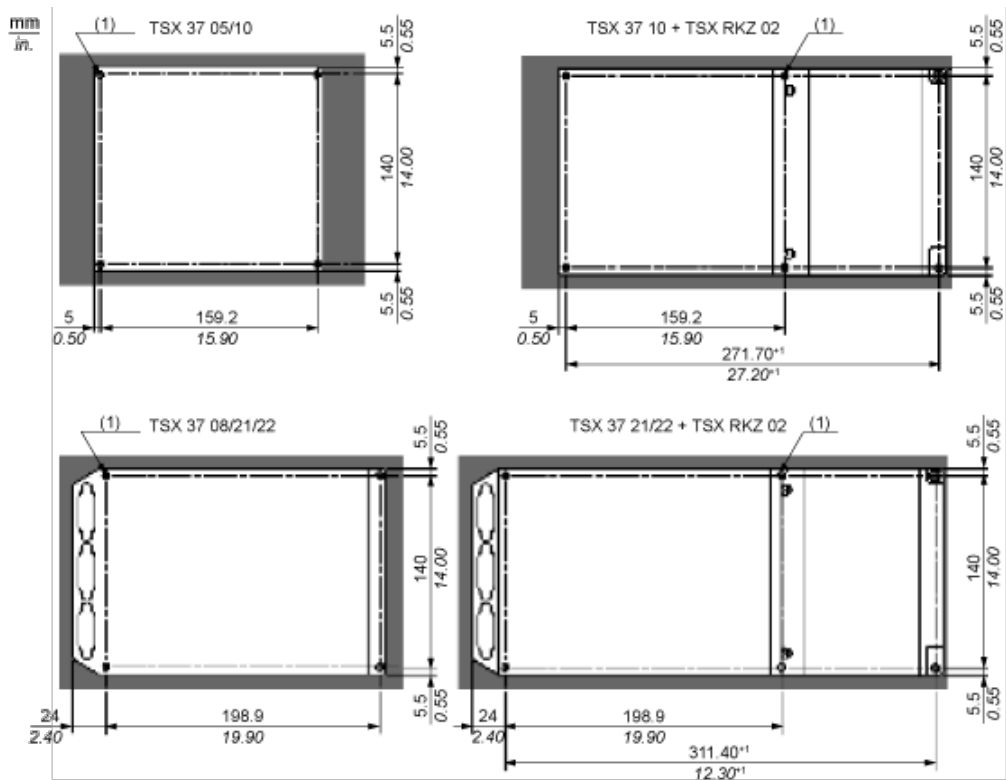
Spacing Requirements



a 50 mm/1.97 in. minimum

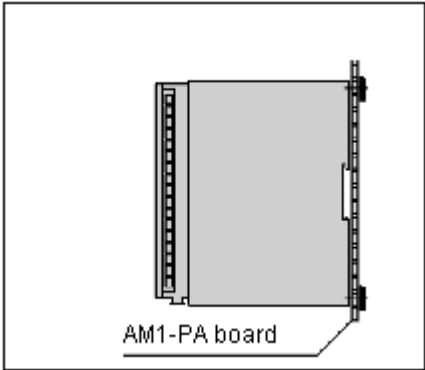
- (1) Installation or casing
- (2) Trough or cable tray

Panel/Board Mounting



Telequick Board Mounting

Side View



Use 4 screws with M4x16AF1-VA416 captive washers and 4 M4 AF1-EA4 clip nuts.