Product data sheet
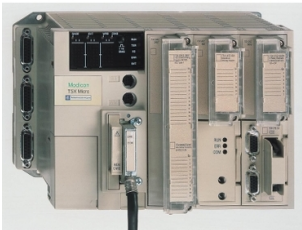
Specifications

Modular base controller, Modicon TSX Micro, UNI-TELWAY, 10Hz, 19.2kbit/s

TSX3722001

⚠ Discontinued on: Dec 2, 2020

⚠ Discontinued - Service only

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

Product availability: Non-Stock - Not 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

Number Of Slots	3
Analogue Input Type	0...10 V 8
Analogue Output Type	0...10 V 1
Counting Input Type	Discrete incremental counter 1 10 Hz Incremental 1 10 Hz
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 %KWi constant words 256 %Mi 1 %MWi 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	1 fast task 16 event tasks 1 master task
System Overhead	2.3 ms master task

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Protection Type	Overload protection
	Short-circuit

Network Frequency	50-60 Hz

Total Useful Secondary Power	24 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

Ambient Air Temperature For Operation	32…140 °F (0…60 °C)
Ambient Air Temperature For Storage	-13…158 °F (-25…70 °C)
Relative Humidity	10…95 % without condensation for operation
	5…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)
Net Weight	3.86 lb(US) (1.75 kg)

Ordering and shipping details

Category	US1PC1422556
Discount Schedule	PC14
Gtin	3389110580563
Returnability	No
Country Of Origin	US

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	5.91 in (15.0 cm)
Package 1 Width	6.69 in (17.0 cm)
Package 1 Length	9.45 in (24.0 cm)
Package 1 Weight	4.04 lb(US) (1.832 kg)

Contractual warranty

Warranty	18 months

Sustainability

Green Premium^{TM} label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.
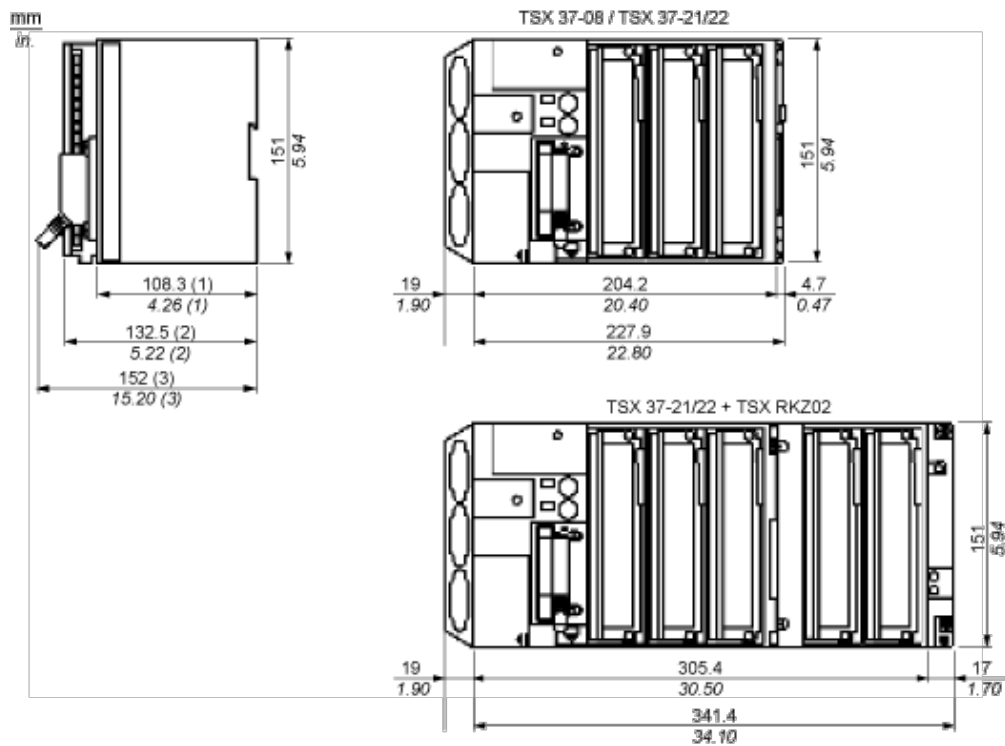
Learn more about Green Premium 〉

Guide to assess a product's sustainability 〉

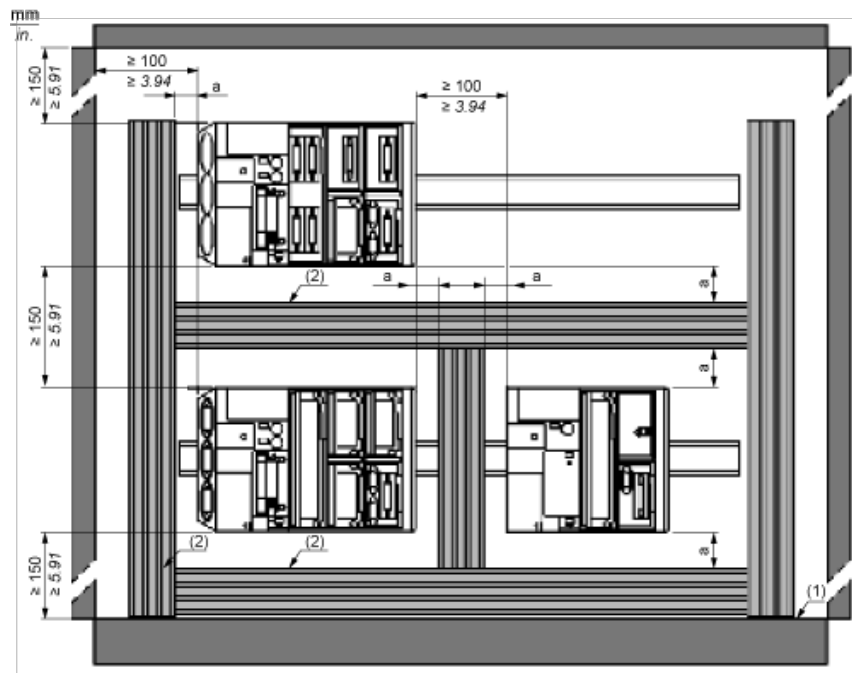|	
Eu Rohs Directive	Not applicable, out of EU RoHS legal scope
China Rohs Regulation	China RoHS declaration
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Dimensions Drawings

Dimensions

(1)   PLC empty.

(2)   With screw terminal block.

(3)   With HE10 or SubD connector.
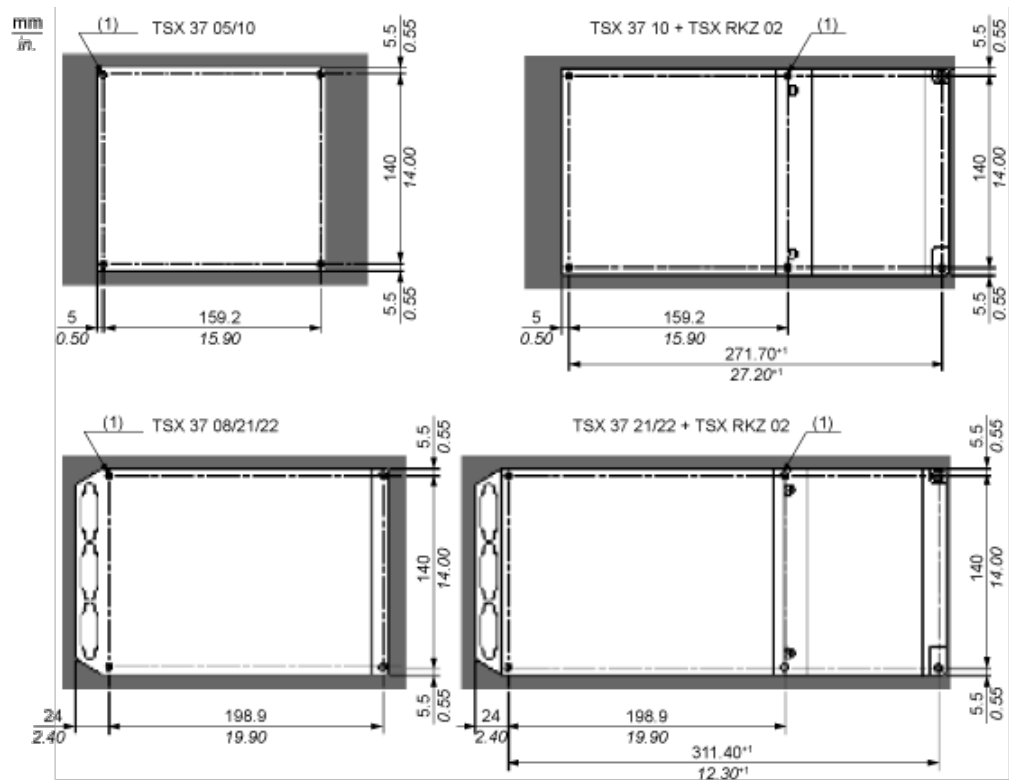
Mounting and Clearance
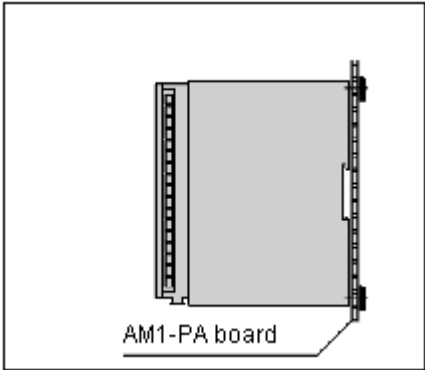
Spacing Requirements

a   50 mm/1.97 in. minimum

(1)   Installation or casing

(2)   Trough or cable tray

Panel/Board Mounting

(1)   The diameter of the fixing holes must be sufficient to take M4 screws.

Life Is On **Schneider**
                              Electric   **Jun 3, 2024**

Telequick Board Mounting

Side View

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