

Product datasheet

Specifications



TSX Micro 37 10 PLC configurations

TSX3710128DT1

⚠ Discontinued on: 07 Oct 2025

⚠ To be end-of-service on: 01 Oct 2050

⚠ Discontinued

Price: 18,674.13 ZAR

Main

Range of product	Modicon TSX Micro automation platform
Product or component type	Modular base controller
Primary voltage	24 V 19.2...30 V DC
Input current	2 mA 60 A
Immunity to microbreaks	10 ms

Complementary

Number of slots	2
Module type	Screw terminal discrete I/O
Discrete input number	16 discrete input(s) at 24 V for DC
Discrete output number	12 for solid state
Integrated connection type	1 serial link Uni-Telway 19.2 kbit/s 1 Modbus Modbus RTU 19.2 kbit/s
Realtime clock	With
Memory description	Internal RAM 14 Kwords data Flash 15 Kwords data
Maximum size of object areas	1 %MWi internal words 256 %Mi 128 %KW constant words
Execution time per instruction	0.25 µs Boolean without PCMCIA card 4.81 µs arithmetic REAL floating without PCMCIA card
Execution time for 1 Kinstruction	3.03 100 % Boolean without PCMCIA card 0.25 65 % Boolean and 35 % numerical without PCMCIA card
Application structure	1 fast task 8 event tasks 1 master task
System overhead	1.9 ms for master task
Protection type	Short-circuit Overload protection
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

Environment

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

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

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	282.7 mm
Height	151 mm
Depth	152 mm
Net weight	1.87 kg

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	15.500 cm
Package 1 Width	16.700 cm
Package 1 Length	18.000 cm
Package 1 Weight	1.825 kg
Unit Type of Package 2	S04
Number of Units in Package 2	6
Package 2 Height	30.000 cm
Package 2 Width	40.000 cm
Package 2 Length	60.000 cm
Package 2 Weight	10.962 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 >](#)

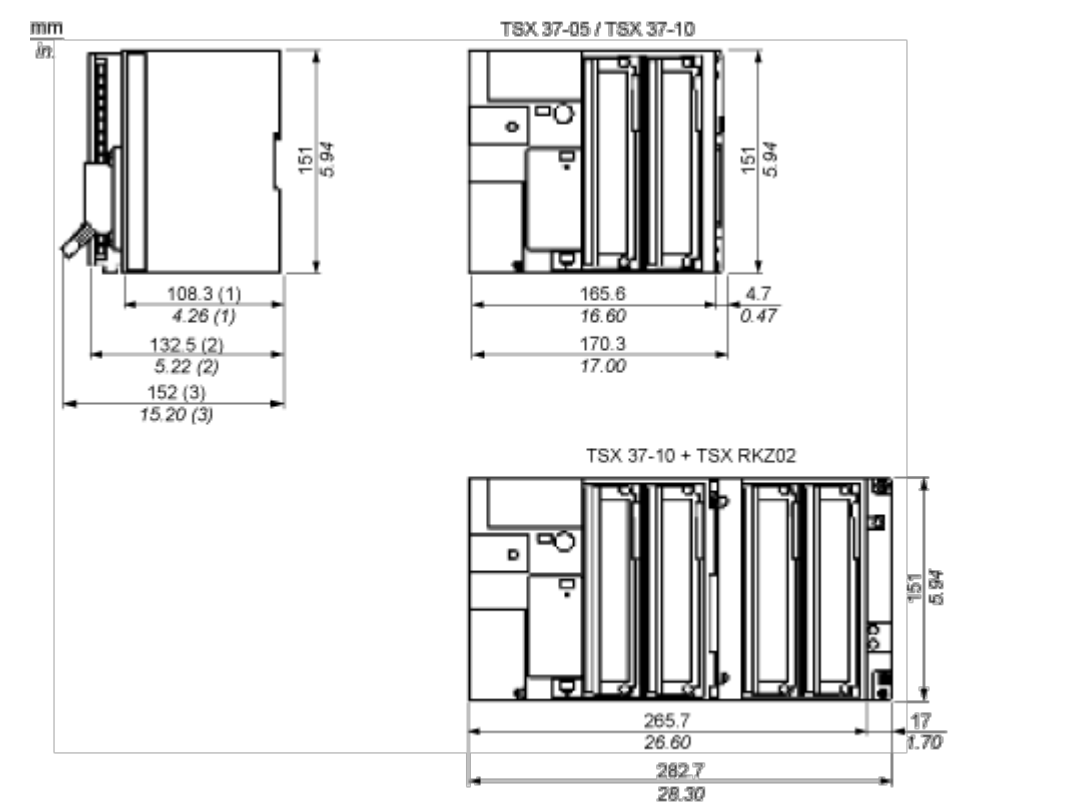
Use Better

Materials and Substances	
EU RoHS Directive	Not applicable, out of EU RoHS legal scope

Use Longer

Lifetime extension	
Repair	No

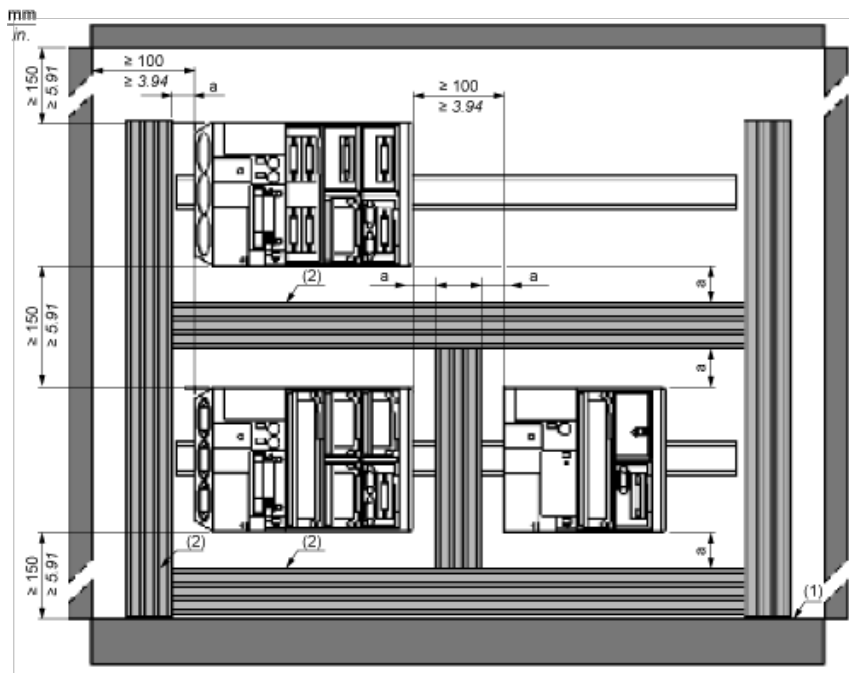
Dimensions



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

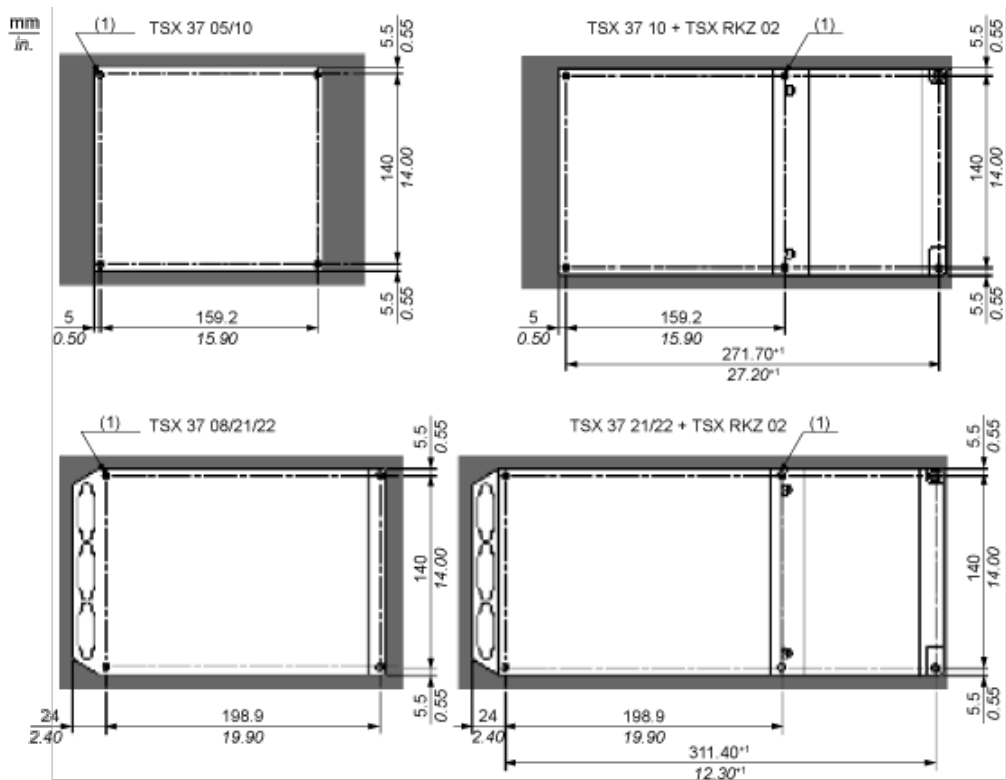
Mounting and Clearance

Spacing Requirements



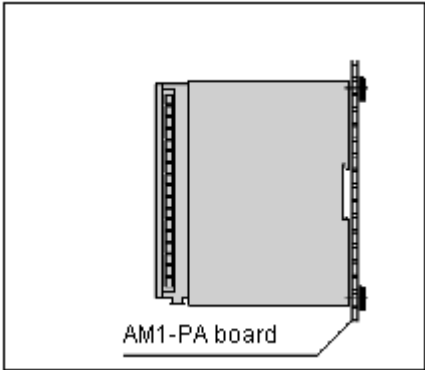
- a 50 mm/1.97 in. minimum
- (1) Installation or casing
- (2) Trough or cable tray

Panel/Board Mounting



Telequick Board Mounting

Side View



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