Product data sheet
Characteristics

TSX3710128DR1
TSX Micro 37 10 PLC configurations

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 micro-breaks	< 10 ms

Complementary

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Number of slots	2
Module type	Screw terminal discrete I/O
Discrete input number	16 24 V DC
Discrete output number	12 relay
Integrated connection type	1 Modbus Modbus RTU 19.2 kbit/s 1 serial link Uni-Telway 19.2 kbit/s
Realtime clock	With
Memory description	Flash 15 Kwords data Internal RAM 14 Kwords data
Maximum size of object areas	256 %Mi 1 %MWi internal words 128 %KWi constant words
Execution time per instruction	4.81 µs arithmetic REAL floating without PCMCIA card 0.25 µs Boolean without PCMCIA card
Execution time for 1 K instruction	0.25 65 % Boolean and 35 % numerical without PCMCIA card 3.03 100 % Boolean without PCMCIA card
Application structure	1 fast task 1 master task 8 event tasks
System overhead	1.9 ms master task
Protection type	Overload protection Short-circuit
Total useful secondary power	16 W
Electromagnetic compatibility	Immunity to electromagnetic interference IEC 61131-2 Damped oscillatory wave IEC 1000-4-12 Immunity to impulse waves IEC 1000-4-5 Resistance to fast transient IEC 1000-4-4 level 3 Electromagnetic field immunity test IEC 1000-4-3 level 3 Electrostatic discharge IEC 1000-4-2 level 3

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 10...95 % without condensation for operation
Operating altitude	0...2000 m
Width	282.7 mm
Height	151 mm

Depth	152 mm
Product weight	1.9 kg

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Will not be Compliant
REACh	Reference not containing SVHC above the threshold

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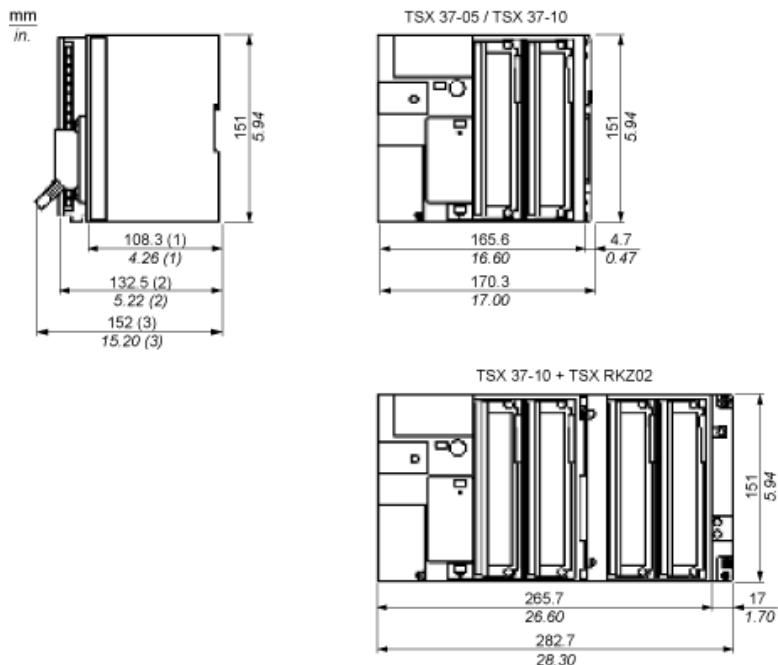
(1) PLC empty.
(2) With screw terminal block.
(3) With HE10 or SubD connector.

## Spacing Requirements
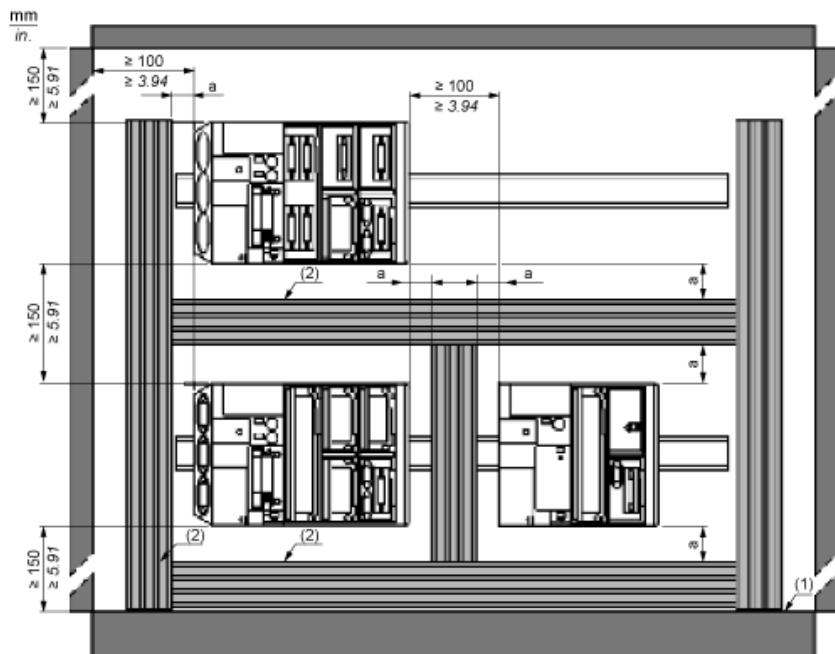

a   50 mm/1.97 in. minimum
(1)   Installation or casing
(2)   Trough or cable tray

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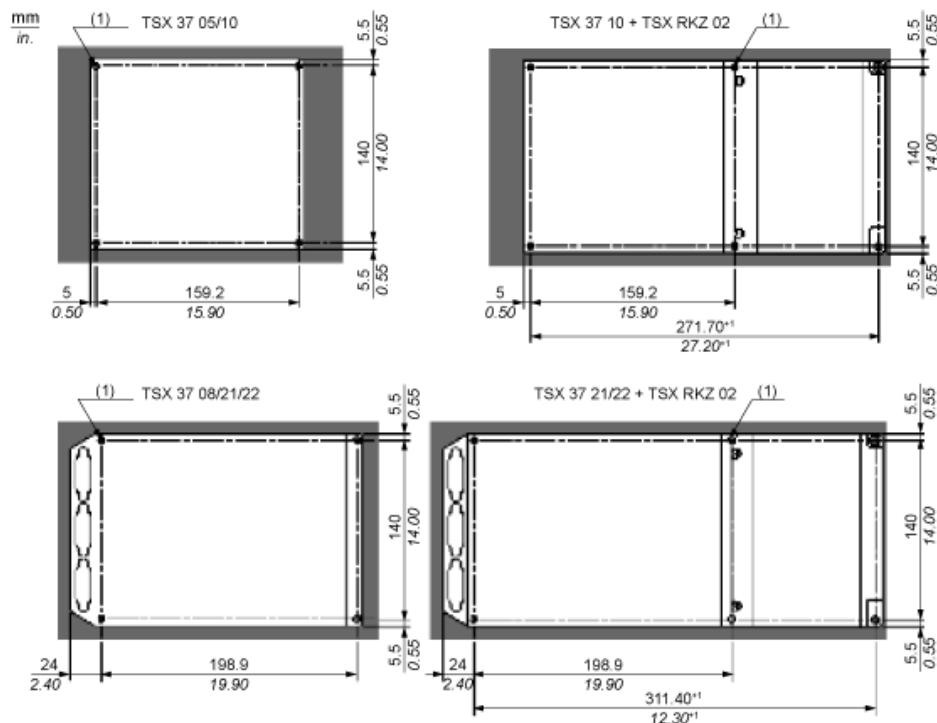
(1)   The diameter of the fixing holes must be sufficient to take M4 screws.

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Telequick Board Mounting

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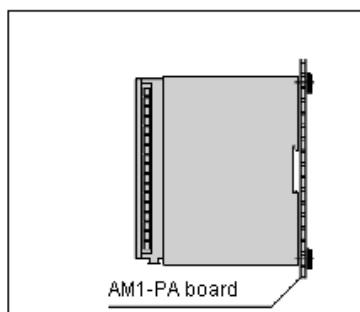
Use 4 screws with M4x16AF1-VA416 captive washers and 4 M4 AF1-EA4 clip nuts.