Product data sheet
Characteristics

TSX3721101
TSX Micro 37 21/22 PLC configurations

Product availability : Stock - Normally stocked in distribution facility

Price* : 1044.00 USD

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	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	Internal RAM 20 Kwords data Internal RAM (with PCMCIA card) 128 Kwords program and data Internal RAM 128 Kwords data storage Flash 15 Kwords data
Maximum size of object areas	1 %MWi internal words 256 %Mi 128 %KWi constant 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 master task
Protection type	Overload protection

	Short-circuit
Total useful secondary power	16 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	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)
Product weight	3.79 lb(US) (1.72 kg)

Ordering and shipping details

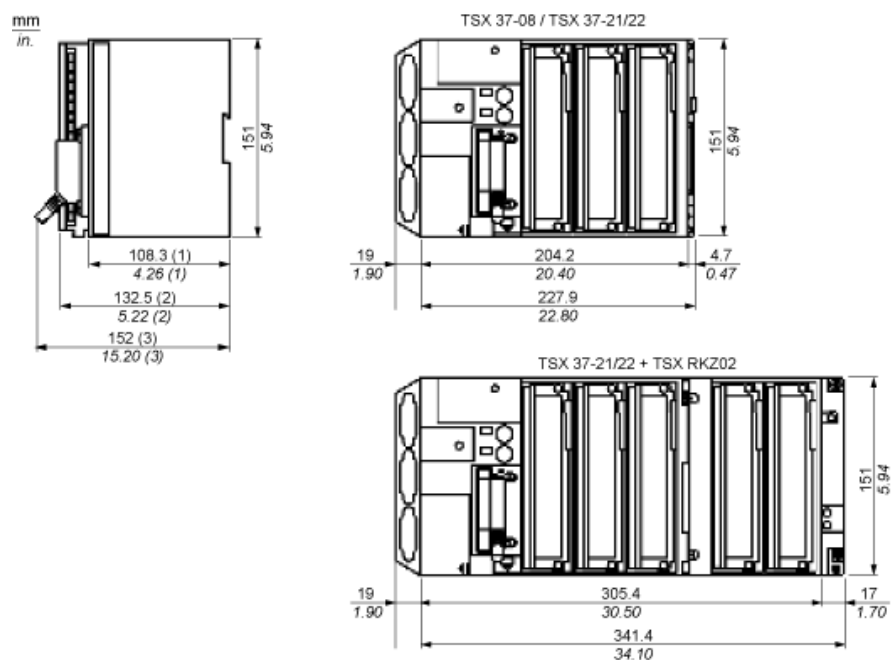|	
Category	22556 - TSX MICRO, PL7 MICRO & ACCESS
Discount Schedule	PC14
GTIN	00785901580539
Nbr. of units in pkg.	1
Package weight(Lbs)	3.8399999999999999
Returnability	Y
Country of origin	FR

Offer Sustainability

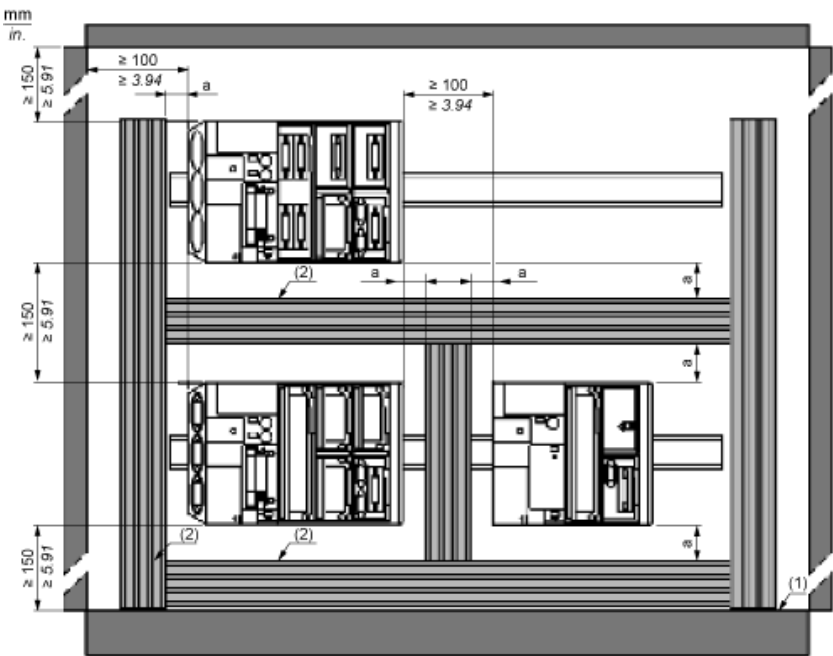|	
Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Will not be compliant Will not be compliant
REACh	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold

Contractual warranty

Warranty period	18 months

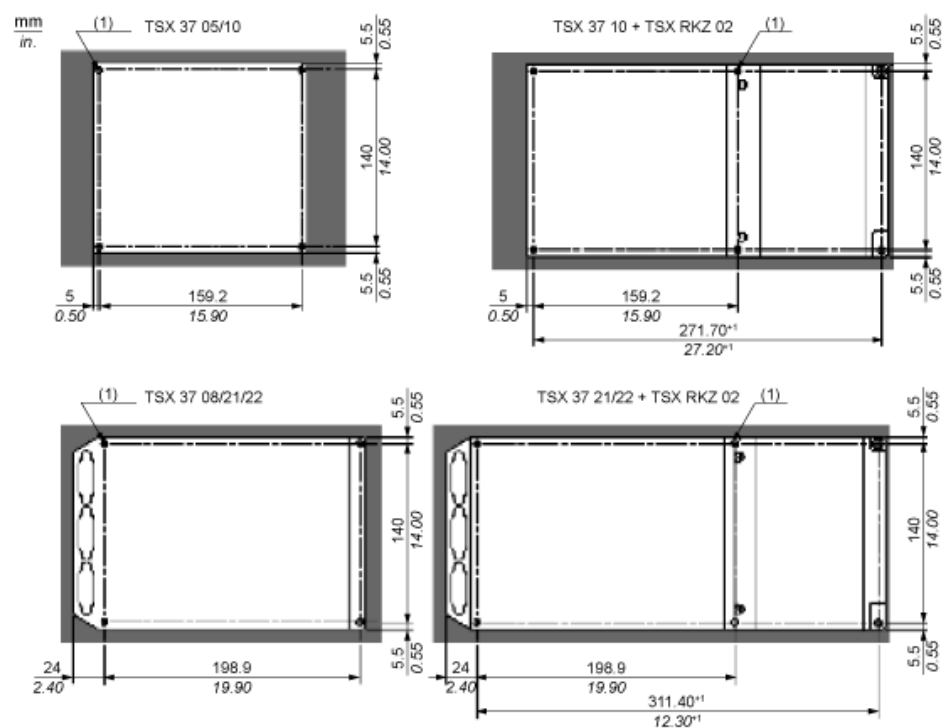Life Is On | Schneider Electric

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
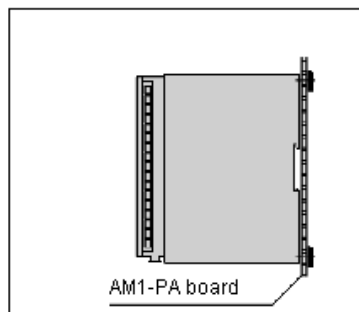
Panel/Board Mounting

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

TSX3721101

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Telequick Board Mounting

Side View

AM1-PA board

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

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