

# Product data sheet

Specifications



## Double format PL7 processor, Modicon Premium, Internal RAM 64Kwords program & data, 32 channel, PL7 Junior/Pro

TSXP57303AM

⚠ Discontinued - Service only

⚠ Discontinued on: Dec 2, 2020

⚠ To be end-of-service on: Dec 31, 2026

**Product availability: Non-Stock - Not normally stocked in distribution facility**

### Main

Range Of Product	Modicon Premium Automation platform
Product Or Component Type	Double-format PL7 processor
Software Designation	PL7 Junior/Pro

### Complementary

Number Of Racks	16 4/6/8 slots 8 12 slots
Number Of Slots	128 96 64
Discrete I/O Processor Capacity	1024 I/O
Analogue I/O Processor Capacity	128 I/O
Number Of Application Specific Channel	32
Number Of Process Control Channel	15 up to 45 simple loops
Integrated Connection Type	Non isolated serial link 2 female mini DIN19.2/115 kbit/s)
Communication Module Processor Capacity	2 fieldbus modules (1 if CANopen used) 8 AS-Interface bus modules 1 CANopen 3 network module
Memory Description	Internal RAM (with PCMCIA card) 80 Kwords data Internal RAM (without PCMCIA card) 64 Kwords program and data PCMCIA card 2688 Kwords additional data storage PCMCIA card 384 Kwords program
Maximum Size Of Object Areas	16384 %Mi located internal bits 30.5 %MWi internal words located internal data 32 %KW constant words located internal data
Application Structure	1 master task 64 event tasks 1 fast task
Execution Time Per Instruction	2.6 µs floating points with PCMCIA card 0.12 µs Boolean without PCMCIA card 0.17 µs Boolean with PCMCIA card 0.17 µs word or fixed-point arithmetic without PCMCIA card 0.33 µs word or fixed-point arithmetic with PCMCIA card 2.5 µs floating points without PCMCIA card

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

<b>Number Of Instructions Per Ms</b>	3.08 Kinst/ms 65 % Boolean + 35 % fixed arithmetic with PCMCIA card 4.49 Kinst/ms 100 % Boolean with PCMCIA card 4.7 Kinst/ms 65 % Boolean + 35 % fixed arithmetic without PCMCIA card 6.57 Kinst/ms 100 % Boolean without PCMCIA card
<b>System Overhead</b>	0.29 ms fast task 1.15 ms master task
<b>Marking</b>	CE
<b>Local Signalling</b>	for processor running (RUN) 1 LED (green) for I/O module or configuration fault (I/O) 1 LED (red) for processor or system fault (ERR) 1 LED (red) for activity on the terminal port (TER) 1 LED (yellow)
<b>Current Consumption</b>	1000 mA 5 V DC
<b>Module Format</b>	Double
<b>Net Weight</b>	1.15 lb(US) (0.52 kg)

## Environment

<b>Standards</b>	CSA C22.2 No 213 Class I Division 2 Group A CSA C22.2 No 213 Class I Division 2 Group C CSA C22.2 No 213 Class I Division 2 Group B 92/31/EEC IEC 61131-2 93/68/EEC 73/23/EEC UL 508 89/336/EEC CSA C22.2 No 213 Class I Division 2 Group D CSA C22.2 No 142
<b>Product Certifications</b>	RMRS GL BV LR ABS DNV RINA
<b>Ambient Air Temperature For Operation</b>	32...140 °F (0...60 °C)
<b>Ambient Air Temperature For Storage</b>	-13...158 °F (-25...70 °C)
<b>Relative Humidity</b>	10...95 % without condensation for operation 5...95 % without condensation for storage
<b>Operating Altitude</b>	0...6561.68 ft (0...2000 m)
<b>Protective Treatment</b>	TC
<b>Ip Degree Of Protection</b>	IP20
<b>Pollution Degree</b>	2

## Ordering and shipping details

<b>Category</b>	US1PC2222558
<b>Discount Schedule</b>	PC22
<b>Gtin</b>	3595863914351
<b>Returnability</b>	No
<b>Country Of Origin</b>	FR

## Packing Units

<b>Unit Type Of Package 1</b>	PCE
<b>Number Of Units In Package 1</b>	1

<b>Package 1 Height</b>	3.74 in (9.5 cm)
<b>Package 1 Width</b>	7.09 in (18.0 cm)
<b>Package 1 Length</b>	10.24 in (26.0 cm)
<b>Package 1 Weight</b>	22.79 oz (646.0 g)
<b>Unit Type Of Package 2</b>	S04
<b>Number Of Units In Package 2</b>	6
<b>Package 2 Height</b>	11.81 in (30.0 cm)
<b>Package 2 Width</b>	15.75 in (40.0 cm)
<b>Package 2 Length</b>	23.62 in (60.0 cm)
<b>Package 2 Weight</b>	10.63 lb(US) (4.823 kg)

## Contractual warranty

<b>Warranty</b>	18 months
-----------------	-----------

## Sustainability

**Green Premium™ 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<sub>2</sub> 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 >](#)

### California Proposition 65

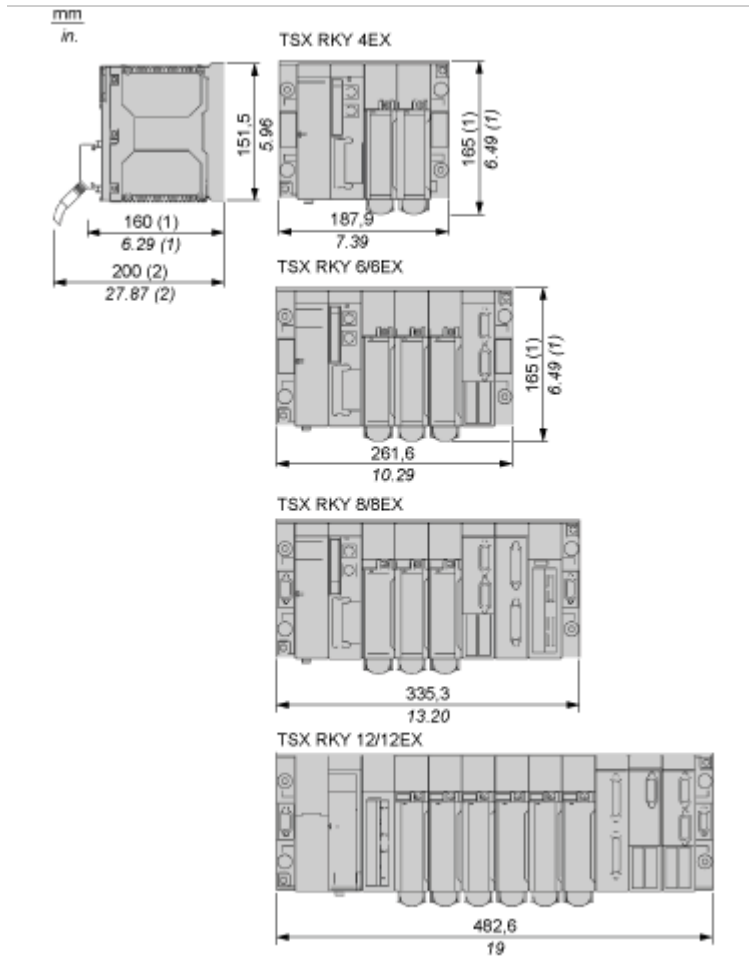
WARNING: This product can expose you to chemicals including: Lead and lead compounds which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov)

---

Dimensions Drawings

Standard and Extendable Racks for Modules Mounting

Dimensions of Modules and Racks



(1) With screw terminal block modules.

(2) Maximum depth for all types of modules and their associated connectors.