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

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	2 fieldbus modules (1 if CANopen used)
processor capacity	8 AS-Interface bus modules
	1 CANopen
	3 network module
Memory description	Internal RAM (with PCMCIA card) 80 Kwords data
	Internal RAM (with r CMCIA card) 60 Kwords data
	PCMCIA card 2688 Kwords additional data storage
	PCMCIA card 2000 Rwords additional data storage
Maximum size of object areas	16384 %Mi located internal bits
	30.5 %MWi internal words located internal data
	32 %KWi 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.

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
0.29 ms fast task 1.15 ms master task
CE
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)
1000 mA 5 V DC
Double
1.15 lb(US) (0.52 kg)
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
RMRS GL BV LR ABS DNV RINA
32140 °F (060 °C)
-13158 °F (-2570 °C)
1095 % without condensation for operation 595 % without condensation for storage
06561.68 ft (02000 m)
TC
IP20
2

Ordering and shipping details

Category	US1PC2222558
Discount Schedule	PC22
GTIN	3595863914351
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1

Package 1 Height	3.74 in (9.5 cm)
Package 1 Width	7.09 in (18.0 cm)
Package 1 Length	10.24 in (26.0 cm)
Package 1 Weight	22.8 oz (646.0 g)

Contractual warranty

Warranty

18 months

Lenvironmental 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

S Materials and Substances

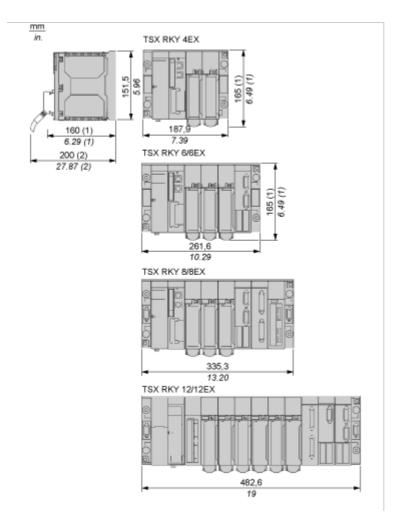
California proposition 65

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

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.