

# TSXP57353LAM

Single-format PL7 processor, Modicon Premium, Internal RAM 80Kwords program & data, 32 channel, PL7 Junior/Pro



## Main

Range of Product	Modicon Premium Automation platform
Product or Component Type	Single-format PL7 processor
Software designation	PL7 Junior/Pro

## Complementary

Number of racks	16 4/8 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	Fipio manager (127 agents) SUB-D 9 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) 96 Kwords data Internal RAM (without PCMCIA card) 80 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 %KWi constant words located internal data
Application structure	1 fast task 64 event tasks 1 master task
Execution time per instruction	0.19 µs Boolean without PCMCIA card 0.21 µs Boolean with PCMCIA card 0.25 µs word or fixed-point arithmetic without PCMCIA card 0.42 µs word or fixed-point arithmetic with PCMCIA card 2.6 µs floating points with PCMCIA card 2.6 µs floating points without PCMCIA card
Number of instructions per ms	2.5 Kinst/ms 65 % Boolean + 35 % fixed arithmetic with PCMCIA card 3.57 Kinst/ms 65 % Boolean + 35 % fixed arithmetic without PCMCIA card 3.7 Kinst/ms 100 % Boolean with PCMCIA card 4.76 Kinst/ms 100 % Boolean without PCMCIA card
System overhead	0.35 Ms fast task 1 ms master task
Marking	CE

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Local signalling	For processor running (RUN) 1 LED (green) For activity on Fipio bus (FIP) 1 LED (red) 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)
Current consumption	1650 mA 5 V DC
Module format	Standard
Net Weight	0.93 lb(US) (0.42 kg)

## Environment

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

## Ordering and shipping details

Category	22558-TSX PREMIUM, ATRIUM & PL7 PRO
Discount Schedule	PC22
GTIN	3595863961720
Returnability	No
Country of origin	FR

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.17 in (5.5 cm)
Package 1 Width	7.09 in (18.0 cm)
Package 1 Length	10.24 in (26.0 cm)
Package 1 Weight	20.74 oz (588.0 g)

## Offer 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 <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>
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## Contractual warranty

Warranty	18 months
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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.