

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

Price* : 2,648.45 USD



! Discontinued

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	2 12 slots 4 4/6/8 slots
Number of slots	16 24 32
Discrete I/O processor capacity	512 I/O
Analogue I/O processor capacity	24 I/O
Number of application specific channel	8
Integrated connection type	Non isolated serial link 2 female mini DIN19.2 kbit/s) Fipio manager (63 agents) SUB-D 9
Communication module processor capacity	1 network module 2 AS-Interface bus modules
Memory description	Internal RAM (with PCMCIA card) 32 Kwords data Internal RAM (without PCMCIA card) 32 Kwords program and data PCMCIA card 128 Kwords additional data storage PCMCIA card 64 Kwords program
Maximum size of object areas	30.5 %MWi internal words located internal data 32 %KWi constant words located internal data 4096 %Mi located internal bits
Application structure	32 event tasks 1 master task 1 fast task
Execution time per instruction	0.5 µs Boolean without PCMCIA card 0.6 µs Boolean with PCMCIA card 0.62 µs word or fixed-point arithmetic without PCMCIA card 0.87 µs word or fixed-point arithmetic with PCMCIA card 44 µs floating points with PCMCIA card 44 µs floating points without PCMCIA card
Number of instructions per ms	0.85 Kinst/ms 65 % Boolean + 35 % fixed arithmetic with PCMCIA card 1.05 Kinst/ms 65 % Boolean + 35 % fixed arithmetic without PCMCIA card 1.18 Kinst/ms 100 % Boolean with PCMCIA card 1.52 Kinst/ms 100 % Boolean 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.

System overhead	0.8 ms fast task 3.1 ms master task
Marking	CE
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	8530 mA 5 V DC
Module format	Standard
Net Weight	0.93 lb(US) (0.42 kg)

Environment

Standards	89/336/EEC IEC 61131-2 CSA C22.2 No 213 Class I Division 2 Group A CSA C22.2 No 142 92/31/EEC 93/68/EEC CSA C22.2 No 213 Class I Division 2 Group D CSA C22.2 No 213 Class I Division 2 Group B UL 508 73/23/EEC CSA C22.2 No 213 Class I Division 2 Group C
Product certifications	RINA LR RMRS BV GL ABS DNV
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 Conformal coating Humiseal 1A33
IP degree of protection	IP20
Pollution degree	2

Ordering and shipping details

Category	22558 - TSX PREMIUM, ATRIUM & PL7 PRO
Discount Schedule	PC22
GTIN	03595863952698
Nbr. of units in pkg.	1
Package weight(Lbs)	2.2 lb(US) (1.00 kg)
Returnability	No
Country of origin	FR

Packing Units

Package 1 Height	2.17 in (55.000 mm)
Package 1 width	7.09 in (180.000 mm)
Package 1 Length	10.24 in (260.000 mm)

Contractual warranty

Warranty	18 months
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TSXP57153MC is replaced by:



Harsh environment BMEP581020H

processor module M580 - Level 1 - Distributed Harsh

Qty 1

Reason for Substitution: End of life | Substitution date: 31 December 2017
