Product data sheet
Characteristics

TSXP57104MC
Unity processor - 2 racks (12 slots)/4 racks (4/6/8 slots) - 850 mA 5 V DC

Price* : 1,302.95 USD

Commercial status

Discontinued on: 31 December 2017

To be end-of-service on: 31 December 2025

⊘ **Discontinued**

Main

Range of product	Modicon Premium Automation platform
Product or component type	Unity processor
Software designation	Unity 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 DIN RS485)19.2 kbit/s)
Communication module processor capacity	2 1
Memory description	Internal RAM (with PCMCIA card) 224 kB program Internal RAM (with PCMCIA card) 96 kB data Internal RAM (without PCMCIA card) 96 kB program and data PCMCIA card 256 kB additional data storage
Maximum size of object areas	32 kB (elementary and derived data) unlocated internal data 4096 %Mi located internal bits 64 %KWi constant words located internal data 64 %MWi internal words located internal data 64 kB (DFB and EFB function blocks) unlocated internal data
Application structure	32 event tasks 1 master task 1 fast task
Execution time per instruction	0.19 µs Boolean without PCMCIA card 0.25 µs Boolean with PCMCIA card 0.25 µs word or fixed-point arithmetic without PCMCIA card 0.5 µs word or fixed-point arithmetic with PCMCIA card 1.75...2.6 µs floating points with PCMCIA card 1.75...2.6 µs floating points without PCMCIA card
Number of instructions per ms	2.1 Kinst/ms 65 % Boolean + 35 % fixed arithmetic with PCMCIA card 3.1 Kinst/ms 100 % Boolean with PCMCIA card

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

Feb 24, 2021

3.71 Kinst/ms 65 % Boolean + 35 % fixed arithmetic without PCMCIA card
4.76 Kinst/ms 100 % Boolean without PCMCIA card

System overhead	0.3 ms fast task 1 ms master task
Marking	CE
Local signalling	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 TER or AUX terminal port (TER) 1 LED (yellow)
Current consumption	850 mA 5 V DC
Module format	Standard
Net Weight	0.84 lb(US) (0.38 kg)

Environment

Standards	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 CSA C22.2 No 213 Class I Division 2 Group C CSA C22.2 No 142 UL 508 89/336/EEC IEC 61131-2 73/23/EEC CSA C22.2 No 213 Class I Division 2 Group A
Product certifications	RMRS RINA LR BV DNV GL ABS
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	03595863941623
Package weight(Lbs)	1.26 lb(US) (0.570 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)

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 www.p65warnings.ca.gov

Life Is On | Schneider Electric

Warranty	18 months

TSXP57104MC is replaced by:

Harsh environment BMXP342020H

processor module M340 - max 1024 discrete + 256 analog I/O - Modbus - Ethernet

Qty 1

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