

TSXP574634M

Unity processor - 8 racks (12 slots) / 16 racks
(4/6/8 slots) - 1880 mA, 5 V DC

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



Commercial status

Discontinued on: 02 December 2020

To be end-of-service on: 31 December 2026

ⓘ Restricted Sales for Services

Main

Range of product	Modicon Premium Automation platform
Product or component type	Unity processor
Software designation	Unity Pro

Complementary

Concept	Transparent Ready
Number of racks	16 4/6/8 slots 8 12 slots
Number of slots	128 64 96
Discrete I/O processor capacity	2040 I/O
Analogue I/O processor capacity	256 I/O
Number of application specific channel	64
Number of process control channel	20 up to 60 simple loops
Integrated connection type	Non isolated serial link female mini DIN RS485)19.2 kbit/s) Ethernet TCP/IP RJ45 USB port12 Mbit/s)
Port Ethernet	10BASE-T/100BASE-TX
Communication module processor capacity	4 1 3 8
Memory description	Internal RAM (with PCMCIA card) 2048 kB program Internal RAM (with PCMCIA card) 440 kB data Internal RAM (without PCMCIA card) 440 kB program and data PCMCIA card 16384 kB additional data storage
Maximum size of object areas	32768 %Mi located internal bits 64 %KWi constant words located internal data 64 %MWi internal words located internal data Unlimited (DFB and EFB function blocks) unlocated internal data Unlimited (elementary and derived data) unlocated internal data
Application structure	1 fast task 64 event tasks 1 master task

Disclaimer: 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

Execution time per instruction	0.039...0.057 μ s Boolean without PCMCIA card 0.048...0.057 μ s Boolean with PCMCIA card 0.054...0.073 μ s word or fixed-point arithmetic with PCMCIA card 0.054...0.073 μ s word or fixed-point arithmetic without PCMCIA card 0.55...0.63 μ s floating points with PCMCIA card 0.55...0.63 μ s floating points without PCMCIA card
Number of instructions per ms	11.4 Kinst/ms 65 % Boolean + 35 % fixed arithmetic with PCMCIA card 11.4 Kinst/ms 65 % Boolean + 35 % fixed arithmetic without PCMCIA card 15.75 Kinst/ms 100 % Boolean with PCMCIA card 15.75 Kinst/ms 100 % Boolean without PCMCIA card
System overhead	0.08 ms fast task 1 ms master task
Marking	CE
Local signalling	for Ethernet TCP/IP port ready (RUN) 1 LED (green) for processor running (RUN) 1 LED (green) for collision detection (COL) 1 LED (red) for Ethernet TCP/IP port fault (ERR) 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 TER or AUX terminal port (TER) 1 LED (yellow) for Ethernet link diagnostics (STS) 1 LED (yellow) for reception activity (RX) 1 LED (yellow) for transmission activity (TX) 1 LED (yellow)
Current consumption	1880 mA 5 V DC
Module format	Double
Net Weight	1.34 lb(US) (0.61 kg)

Environment

Standards	CSA C22.2 No 213 Class I Division 2 Group A CSA C22.2 No 213 Class I Division 2 Group B CSA C22.2 No 213 Class I Division 2 Group D 73/23/EEC IEC 61131-2 CSA C22.2 No 142 89/336/EEC 93/68/EEC CSA C22.2 No 213 Class I Division 2 Group C 92/31/EEC UL 508
Product certifications	BV RMRS ABS RINA LR DNV GL
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	00785901573876
Nbr. of units in pkg.	1
Package weight(Lbs)	2.27 lb(US) (1.03 kg)
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	3.74 in (9.5 cm)
Package 1 width	7.09 in (18 cm)
Package 1 Length	10.24 in (26 cm)

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
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Contractual warranty

Warranty	18 months
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TSXP574634M is replaced by:



Standard environment BMEP583020

processor module M580 - Level 3 - Distributed

Qty 1

Reason for Substitution: End of life | Substitution date: 31 December 2018