Product data sheet
Characteristics

TSXP571634M
Unity processor - 2 racks (12 slots) / 4 racks (4/6/8 slots) - 1650 mA, 5 V DC

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

Restricted Sales for Services

Commercial status

Discontinued on: 02 December 2020

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

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	24 16 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) Ethernet TCP/IP RJ45
Port Ethernet	10BASE-T/100BASE-TX
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	1 master task 1 fast task 32 event tasks
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 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 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	1650 mA 5 V DC
Module format	Double
Net Weight	1.63 lb(US) (0.74 kg)

Environment

Standards	89/336/EEC CSA C22.2 No 213 Class I Division 2 Group A UL 508 CSA C22.2 No 213 Class I Division 2 Group D 73/23/EEC CSA C22.2 No 213 Class I Division 2 Group C IEC 61131-2 93/68/EEC 92/31/EEC CSA C22.2 No 213 Class I Division 2 Group B CSA C22.2 No 142
Product certifications	GL RMRS LR ABS DNV RINA BV
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	00785901633686
Nbr. of units in pkg.	1
Package weight(Lbs)	1.67 lb(US) (0.76 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)

Contractual warranty

Warranty	18 months

TSXP571634M is replaced by:

Standard environment BMEP581020

processor module M580 - Level 1 - Distributed

Qty 1

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