Product data sheet
Characteristics

TSXP575634M
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

Price* : 15697.50 USD

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	96 64 128
Discrete I/O processor capacity	2040 I/O
Analogue I/O processor capacity	512 I/O
Number of application specific channel	<= 64
Number of process control channel	<= 30 up to 90 simple loops
Integrated connection type	Ethernet TCP/IP RJ45 USB port 12 Mbit/s Non isolated serial link female mini DIN RS485 19.2 kbit/s
Port Ethernet	10BASE-T/100BASE-TX
Communication module processor capacity	1 3 5 8
Memory description	Internal RAM (with PCMCIA card) 1024 kB data Internal RAM (with PCMCIA card) 7168 kB program Internal RAM (without PCMCIA card) 1024 kB program and data PCMCIA card 16384 kB additional data storage
Maximum size of object areas	128 %MWi internal words located internal data 32768 %Mi located internal bits 64 %KWi constant words located internal data Unlimited (DFB and EFB function blocks) unlocated internal data Unlimited (elementary and derived data) unlocated internal data
Application structure	32 timers 4 auxiliary tasks 1 master task

	1 fast task
	128 event tasks
Execution time per instruction	0.0375...0.045 µs Boolean with PCMCIA card
	0.0375...0.045 µs Boolean without PCMCIA card
	0.045...0.06 µs word or fixed-point arithmetic with PCMCIA card
	0.045...0.06 µs word or fixed-point arithmetic without PCMCIA card
	0.48...0.56 µs floating points with PCMCIA card
	0.48...0.56 µs floating points without PCMCIA card
Number of instructions per ms	14 Kinst/ms 65 % Boolean + 35 % fixed arithmetic with PCMCIA card
	14 Kinst/ms 65 % Boolean + 35 % fixed arithmetic without PCMCIA card
	20.26 Kinst/ms 100 % Boolean with PCMCIA card
	20.26 Kinst/ms 100 % Boolean without PCMCIA card
System overhead	0.07 ms fast task
	1 ms master task
Marking	CE
Local signalling	1 LED green Ethernet TCP/IP port ready (RUN)
	1 LED green processor running (RUN)
	1 LED red collision detection (COL)
	1 LED red Ethernet TCP/IP port fault (ERR)
	1 LED red I/O module or configuration fault (I/O)
	1 LED red processor or system fault (ERR)
	1 LED yellow activity on TER or AUX terminal port (TER)
	1 LED yellow Ethernet link diagnostics (STS)
	1 LED yellow reception activity (RX)
	1 LED yellow transmission activity (TX)
Current consumption	1680 mA 5 V DC
Module format	Double
Product weight	1.34 lb(US) (0.61 kg)

Environment

Standards	CSA C22.2 No 213 Class I Division 2 Group C
	89/336/EEC
	CSA C22.2 No 213 Class I Division 2 Group B
	CSA C22.2 No 213 Class I Division 2 Group A
	CSA C22.2 No 142
	UL 508
	92/31/EEC
	IEC 61131-2
	73/23/EEC
	93/68/EEC
	CSA C22.2 No 213 Class I Division 2 Group D
Product certifications	ABS
	RMRS
	LR
	DNV
	GL
	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	00785901603634
Nbr. of units in pkg.	1
Package weight(Lbs)	2.2400000000000002

Life Is On | Schneider Electric

Returnability	N
Country of origin	FR

Offer Sustainability

RoHS (date code: YYWW)	Compliant - since 0944 - Schneider Electric declaration of conformity
	Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold
	Reference not containing SVHC above the threshold
Product end of life instructions	Need no specific recycling operations

Contractual warranty

Warranty period	18 months