

Product data sheet

Characteristics

TSXP573634M

Unity processor - 8 racks (12 slots) / 16 racks
(4/6/8 slots) - 1900 mA, 5 V DC

Product availability: Stock - Normally stocked in distribution facility

Price*: 6501.00 USD



Main

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

Complementary

Concept	Transparent Ready
Number of racks	8 12 slots 16 4/6/8 slots
Number of slots	<= 128
Discrete I/O processor capacity	1024 I/O
Analogue I/O processor capacity	128 I/O
Number of application specific channel	<= 32
Number of process control channel	<= 15 up to 45 simple loops
Integrated connection type	Non isolated serial link 2 female mini DIN RS485 19.2/115 kbit/s Ethernet TCP/IP RJ45
Port Ethernet	10BASE-T/100BASE-TX
Communication module processor	8 3 2 1
Memory description	PCMCIA card 16384 kB additional data storage Internal RAM (without PCMCIA card) 192 kB program and data Internal RAM (with PCMCIA card) 192 kB data Internal RAM (with PCMCIA card) 1792 kB program
Maximum size of object areas	64 kB (elementary and derived data) unlocated internal data 64 kB (DFB and EFB function blocks) unlocated internal data 64 %MWi internal words located internal data 64 %KWi constant words located internal data 16384 %Mi located internal bits
Application structure	1 fast task 1 master task 64 event tasks
Execution time per instruction	1.75...3 µs floating points without PCMCIA card 1.75...3 µs floating points with PCMCIA card 0.32 µs word or fixed-point arithmetic with PCMCIA card 0.17 µs word or fixed-point arithmetic without PCMCIA card 0.17 µs Boolean with PCMCIA card 0.12 µs Boolean without PCMCIA card
Number of instructions per ms	6.72 Kinst/ms 100 % Boolean without PCMCIA card 5.11 Kinst/ms 65 % Boolean + 35 % fixed arithmetic without PCMCIA card 4.59 Kinst/ms 100 % Boolean with PCMCIA card 3.11 Kinst/ms 65 % Boolean + 35 % fixed arithmetic with PCMCIA card

System overhead	1 ms master task 0.35 ms fast task
Marking	CE
Local signalling	1 LED yellow transmission activity (TX) 1 LED yellow reception activity (RX) 1 LED yellow Ethernet link diagnostics (STS) 1 LED yellow activity on TER or AUX terminal port (TER) 1 LED red processor or system fault (ERR) 1 LED red I/O module or configuration fault (I/O) 1 LED red Ethernet TCP/IP port fault (ERR) 1 LED red collision detection (COL) 1 LED green processor running (RUN) 1 LED green Ethernet TCP/IP port ready (RUN)
Current consumption	1900 mA 5 V DC
Module format	Double
Product weight	1.41 lb(US) (0.64 kg)

Environment

Standards	73/23/EEC 89/336/EEC 92/31/EEC 93/68/EEC CSA C22.2 No 142 IEC 61131-2 UL 508 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 C CSA C22.2 No 213 Class I Division 2 Group D
Product certifications	ABS BV DNV GL LR RINA RMRS
Ambient air temperature for operation	32...140 °F (0...60 °C)
Ambient air temperature for storage	-13...158 °F (-25...70 °C)
Relative humidity	5...95 % without condensation for storage 10...95 % without condensation for operation
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	00785901466727
Nbr. of units in pkg.	1
Product availability	Stock - Normally stocked in distribution facility
Returnability	Y
Country of origin	FR

Offer Sustainability

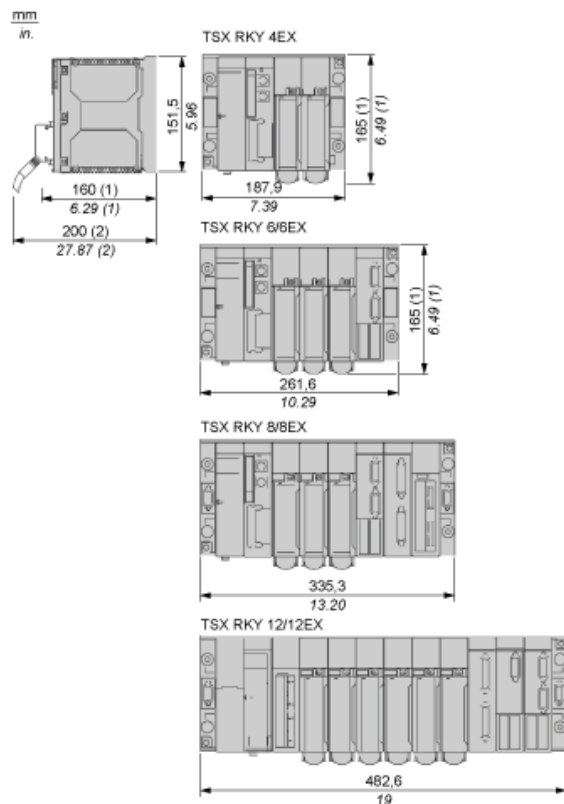
Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 0934 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product end of life instructions	Need no specific recycling operations

Contractual warranty

Warranty period	18 months
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Standard and Extendable Racks for Modules Mounting

Dimensions of Modules and Racks



(1) With screw terminal block modules.

(2) Maximum depth for all types of modules and their associated connectors.