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

Price* : 2777.25 USD

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	Ethernet TCP/IP RJ45 Non isolated serial link 2 female mini DIN RS485 19.2 kbit/s
Port Ethernet	10BASE-T/100BASE-TX
Communication module processor capacity	1 2
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 fast task 1 master 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	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	1650 mA 5 V DC
Module format	Double
Product weight	1.63 lb(US) (0.74 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	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)	1.6699999999999999
Returnability	N
Country of origin	FR

Offer Sustainability

RoHS (date code: YYWW)	Compliant - since 0933 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity

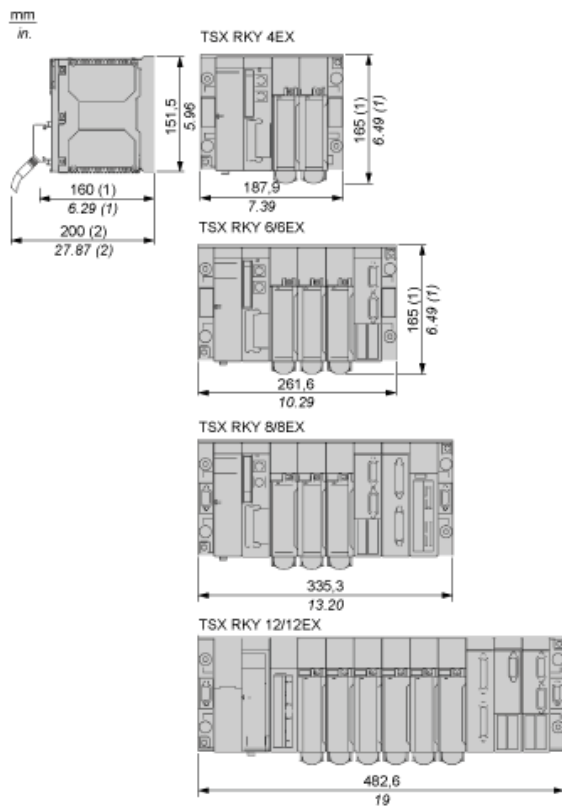Life Is On | Schneider Electric

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
California proposition 65	WARNING: This product can expose you to chemicals including:
- - - - - - - Substance 1	Lead and lead compounds which is known to the State of California to cause cancer and birth defects or other reproductive harm.
- - - - - - - More information	For more information go to www.p65warnings.ca.gov

Contractual warranty

Warranty period	18 months

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.

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