Product data sheet
Characteristics

TSXP573623AM
double-format PL7 processor - Transparent Ready - 1360 mA

Price*: 7350.00 USD

Main

Commercial Status	Commercialised
Range of product	Modicon Premium Automation platform
Product or component type	Double-format PL7 processor
Software designation	PL7 Junior/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 19.2/115 kbit/s Ethernet TCP/IP RJ45 10/100 Mbit/s
Communication module processor	2 network module 2 fieldbus 8 AS-Interface bus modules 1 fieldbus modules (1 if CANopen used)
Memory description	PCMCIA card 384 Kwords program PCMCIA card 2688 Kwords additional data storage Internal RAM (without PCMCIA card) 64 Kwords program and data Internal RAM (with PCMCIA card) 80 Kwords data
Maximum size of object areas	32 %KWi constant words located internal data 30.5 %MWi internal words located internal data 16384 %Mi located internal bits
Application structure	1 fast task 1 master task 64 event tasks
Execution time per instruction	2.6 µs floating points with PCMCIA card 2.5 µs floating points without PCMCIA card 0.33 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	6.57 Kinst/ms 100 % Boolean without PCMCIA card 4.7 Kinst/ms 65 % Boolean + 35 % fixed arithmetic without PCMCIA card 4.49 Kinst/ms 100 % Boolean with PCMCIA card 3.08 Kinst/ms 65 % Boolean + 35 % fixed arithmetic with PCMCIA card
System overhead	1.15 ms master task 0.29 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 the 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	1360 mA 5 V DC
Module format	Double

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

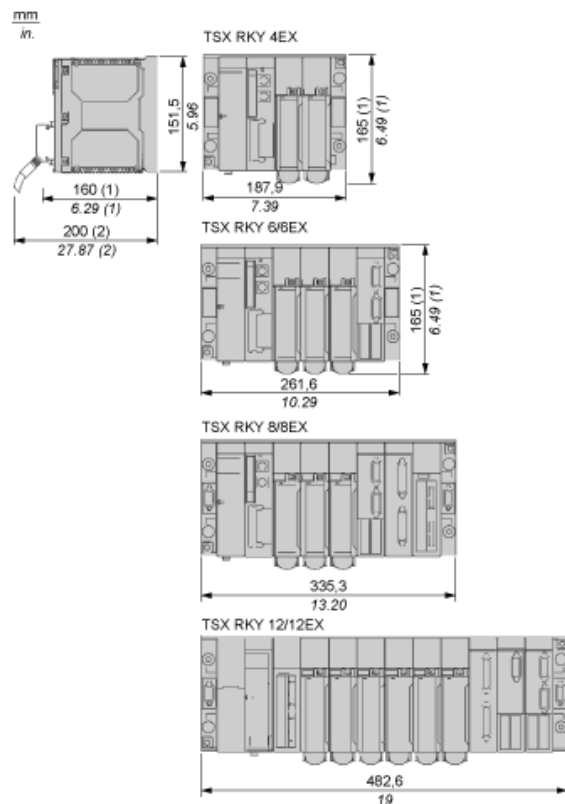| Category	22558 - TSX PREMIUM, ATRIUM & PL7 PRO
Discount Schedule	PC22
GTIN	00785901438564
Nbr. of units in pkg.	1
Product availability	Non-Stock - Not normally stocked in distribution facility
Returnability	N
Country of origin	FR

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

TSXP573623AM

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.