Product data sheet
Characteristics

TSXP57203M
double-format PL7 processor - 550 mA 5 V DC

Main

Range of product	Modicon Premium Automation platform
Product or component type	Double-format PL7 processor
Software designation	PL7 Junior/Pro

Complementary

Number of racks	16 4/6/8 slots 8 12 slots
Number of slots	64 128 96
Discrete I/O processor capacity	1024 I/O
Analogue I/O processor capacity	80 I/O
Number of application specific channel	<= 24
Number of process control channel	<= 10 up to 30 simple loops
Integrated connection type	Non isolated serial link 2 female mini DIN 19.2 kbit/s
Communication module processor capacity	1 CANopen 1 fieldbus module (none if CANopen used) 1 network module 4 AS-Interface bus modules
Memory description	Internal RAM (with PCMCIA card) 48 Kwords data Internal RAM (without PCMCIA card) 48 Kwords program and data PCMCIA card 160 Kwords program PCMCIA card 2688 Kwords additional data storage
Maximum size of object areas	30.5 %MWi internal words located internal data 32 %KWi constant words located internal data 8132 %Mi located internal bits
Application structure	1 fast task 64 event tasks 1 master task
Execution time per instruction	0.19 µs Boolean without PCMCIA card 0.25 µs word or fixed-point arithmetic without PCMCIA card 0.21 µs Boolean with PCMCIA card 0.42 µs word or fixed-point arithmetic with PCMCIA card 2.6 µs floating points with PCMCIA card 2.6 µs floating points without PCMCIA card
Number of instructions per ms	2.5 Kinst/ms 65 % Boolean + 35 % fixed arithmetic with PCMCIA card 3.57 Kinst/ms 65 % Boolean + 35 % fixed arithmetic without PCMCIA card

	3.7 Kinst/ms 100 % Boolean with PCMCIA card 4.76 Kinst/ms 100 % Boolean without PCMCIA card
System overhead	0.35 ms fast task 1 ms master task
Marking	CE
Local signalling	1 LED green processor running (RUN) 1 LED red I/O module or configuration fault (I/O) 1 LED red processor or system fault (ERR) 1 LED yellow activity on the terminal port (TER)
Current consumption	750 mA 5 V DC
Module format	Double
Product weight	0.52 kg

Environment

Standards	CSA C22.2 No 213 Class I Division 2 Group A 92/31/EEC IEC 61131-2 89/336/EEC CSA C22.2 No 213 Class I Division 2 Group C UL 508 93/68/EEC CSA C22.2 No 213 Class I Division 2 Group B CSA C22.2 No 142 73/23/EEC CSA C22.2 No 213 Class I Division 2 Group D
Product certifications	ABS DNV BV GL RINA LR RMRS
Ambient air temperature for operation	0...60 °C
Ambient air temperature for storage	-25...70 °C
Relative humidity	10...95 % without condensation for operation 5...95 % without condensation for storage
Operating altitude	0...2000 m
Protective treatment	TC
IP degree of protection	IP20
Pollution degree	2

Offer Sustainability

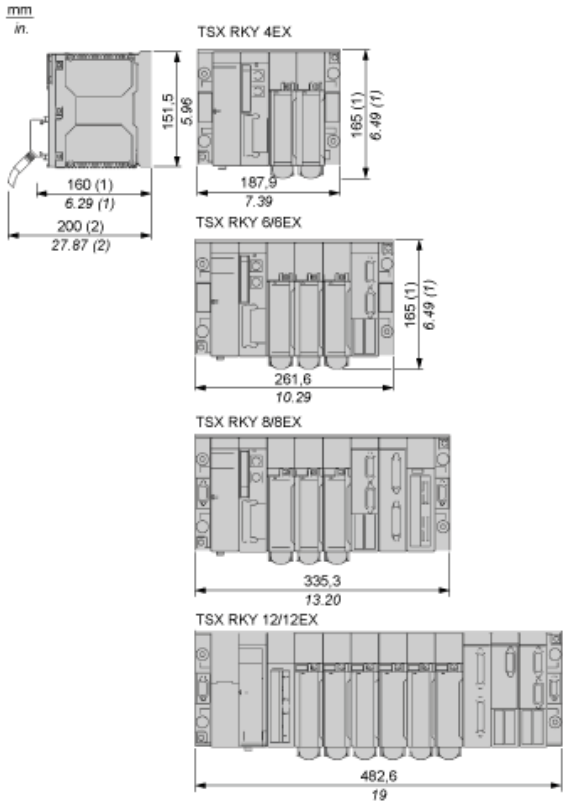
RoHS (date code: YYWW)	Compliant - since 0935 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product end of life instructions	Need no specific recycling operations

Contractual warranty

Warranty period	18 months

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.

TSXP57203M is replaced by:

Standard environment BMEP582020

processor module M580 - Level 2 - Distributed

Qty 1

Reason for Substitution: End of life | Substitution date: 31 December 2018 | Not same dimensions/design - better performances, more services provided