TSXP57204MC
Unity processor - 8 racks (12 slots)/16 racks (4/6/8 slots) - 850 mA 5 V DC

Main

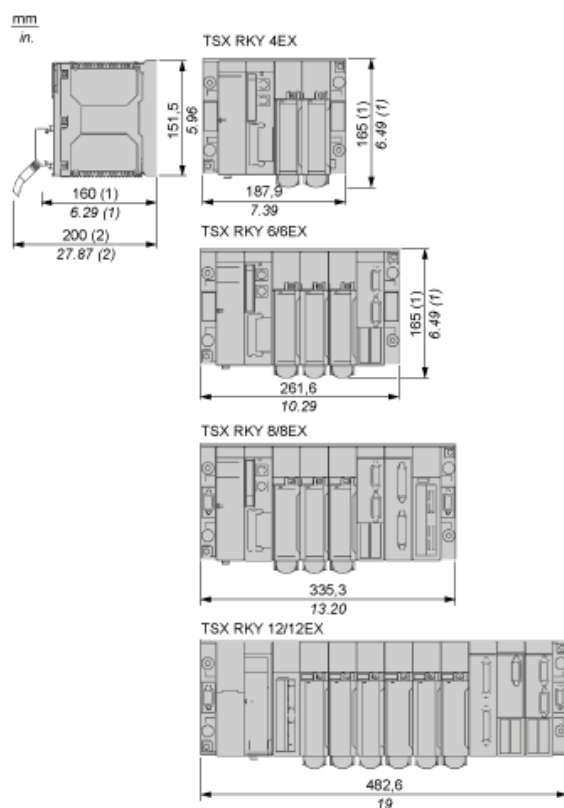|	
Range of product	Modicon Premium Automation platform
Product or component type	Unity processor
Software designation	Unity Pro

Complementary

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	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 RS485 19.2 kbit/s
Communication module processor	4 1
Memory description	PCMCIA card 16384 kB additional data storage Internal RAM (without PCMCIA card) 160 kB program and data Internal RAM (with PCMCIA card) 768 kB program Internal RAM (with PCMCIA card) 160 kB data
Maximum size of object areas	8132 %Mi located internal bits 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
Application structure	1 fast task 1 master task 64 event tasks
Execution time per instruction	1.75...2.6 µs floating points without PCMCIA card 1.75...2.6 µs floating points with PCMCIA card 0.42 µs word or fixed-point arithmetic with PCMCIA card 0.25 µs word or fixed-point arithmetic without PCMCIA card 0.21 µs Boolean with PCMCIA card 0.19 µs Boolean without PCMCIA card
Number of instructions per ms	4.76 Kinst/ms 100 % Boolean without PCMCIA card 3.71 Kinst/ms 65 % Boolean + 35 % fixed arithmetic without PCMCIA card 3.7 Kinst/ms 100 % Boolean with PCMCIA card 2.53 Kinst/ms 65 % Boolean + 35 % fixed arithmetic with PCMCIA card
System overhead	1 ms master task 0.3 ms fast task
Marking	CE
Local signalling	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 green processor running (RUN)
Current consumption	850 mA 5 V DC
Module format	Double
Product weight	0.52 kg

Schneider Electric

Environment

Standards	73/23/EEC
	89/336/EEC
	92/31/EEC
	93/68/EEC
	CSA 22-2 No 142
	CSA 22-2 No 213 Class I Division 2 Group A
	CSA 22-2 No 213 Class I Division 2 Group B
	CSA 22-2 No 213 Class I Division 2 Group C
	CSA 22-2 No 213 Class I Division 2 Group D
	IEC 61131-2
	UL 508
Product certifications	ABS
	BV
	DNV
	GL
	LR
	RINA
	RMRS
Ambient air temperature for operation	0...60 °C
Ambient air temperature for storage	-25...70 °C
Relative humidity	5...95 % without condensation for storage
	10...95 % without condensation for operation
Operating altitude	0...2000 m
Protective treatment	Conformal coating Humiseal 1A33
	TC
IP degree of protection	IP20
Pollution degree	2

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.