

Schneider Electric TSXP573634M

Unity processor, Modicon Premium, Internal RAM 192kB data, EtherNet TCP/IP, Unity Pro TSXP573634M

Main

Range of product Modicon Premium Automation platform

Product or component type Unity processor

Software designation Unity Pro

Complementary

Concept Transparent Ready

Number of racks 16 4/6/8 slots

8 12 slots

Number of slots 128

64

96

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 Ethernet TCP/IP RJ45

Non isolated serial link 2 female mini DIN RS485 19.2/115 kbit/s

Port Ethernet 10BASE-T/100BASE-TX

Communication module processor

capacity

1

2

3

8

Memory description Internal RAM (with PCMCIA card) 1792 kB program

Internal RAM (with PCMCIA card) 192 kB data

Internal RAM (without PCMCIA card) 192 kB program and data

PCMCIA card 16384 kB additional data storage

Maximum size of object areas 16384 %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

64 kB (elementary and derived data) unlocated internal data

Application structure 1 fast task

1 master task

You can contact us through the following contact information

www.sparetechplc.com +86 180 3000 5825 sales@sparetechplc.com

64 event tasks

Execution time per instruction 0.12 μ s Boolean without PCMCIA card

0.17 μ s Boolean with PCMCIA card

0.17 μ s word or fixed-point arithmetic without PCMCIA card

0.32 μ s word or fixed-point arithmetic with PCMCIA card

1.75...3 μ s floating points with PCMCIA card

1.75...3 μ s floating points without PCMCIA card

Number of instructions per ms 3.11 Kinst/ms 65 % Boolean + 35 % fixed arithmetic with PCMCIA card

4.59 Kinst/ms 100 % Boolean with PCMCIA card

5.11 Kinst/ms 65 % Boolean + 35 % fixed arithmetic without PCMCIA card

6.72 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 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 1900 mA 5 V DC

Module format Double

Product weight 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

You can contact us through the following contact information

www.sparetechplc.com +86 180 3000 5825 sales@sparetechplc.com

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 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



You can contact us through the following contact information

www.sparetechplc.com +86 180 3000 5825 sales@sparetechplc.com