

Schneider Service Manual

140CPU67260

1. Description

Schneider Electric 140CPU67260

3. Product Information

Schneider Electric 140CPU67260

Unity Hot Standby processor with multimode

Ethernet - 3072 kB - 266 MHz

Main

Range of product Modicon Quantum automation platform

Product or component type Unity processor

Complementary

Mode of transmission Multi mode

Clock frequency 266 MHz

Number of slots 10

16

2

46

Number of racks

2 - local rack(s)

Number of distributed I/O station 63 station(s) - 1 rack(s) - 3 Modbus Plus network(s)

Number of remote I/O station 31 - 2 S908 remote I/O rack(s)

31 - 2 ethernet Quantum remote I/O rack(s)

31 - 2 ethernet X80 remote I/O rack(s)

Discrete I/O number Unlimited (31 drops of 28 slots max) - ethernet remote I/O

0 - local - forbidden in Hot Standby application

8000 inputs, 8000 outputs - distributed - per network Modbus Plus

31744 inputs, 31744 outputs - remote

Analogue I/O number Unlimited (31 drops of 28 slots max) - ethernet remote I/O

0 - local - forbidden in Hot Standby application

500 inputs, 500 outputs - distributed - per network Modbus Plus

1984 inputs, 1984 outputs - remote

Application specific I/O Accurate time stamping

Counter

High-speed interrupt inputs

Serial link

Communication service Ethernet router

Number of optional modules

6 (Ethernet, Modbus, Modbus Plus, Profibus DP, Sy/Max)

Maximum number of connections 1 (USB)

2 (AS-Interface) - distributed

4 (AS-Interface) - remote

6 (Ethernet TCP/IP) - local

6 (Modbus Plus) - local

6 (Profibus DP) - local

1 (Modbus) - RS232/485 Modbus/ASCII

Integrated connection type 1 Modbus Plus with

1 Modbus with

1 USB with

1 optic fibre with Hot Standby protocol

Checks Hot standby

Process control

Memory description Internal RAM 3072 kB - 1536 kB for data

Expandable 7168 kB - program with PCMCIA card

Expandable 8 MB - file storage with PCMCIA card

Switch function Key switch memory port on/off

Application structure 1 cyclic/periodic master task -

1 periodic fast task - forbidden in Hot Standby application

128 I/O interrupt tasks - forbidden in Hot Standby application

128 interrupt tasks - forbidden in Hot Standby application

32 timer interrupt tasks - forbidden in Hot Standby application

4 auxiliary tasks - forbidden in Hot Standby application

Number of instructions per ms 10.28 Kinst/ms if 100 % Boolean

10.07 Kinst/ms if 65 % Boolean and 35 % numerical

System overhead 1 ms - master task

0.2 ms - fast task

Bus current requirement 2760 mA

Local signalling 1 LED yellow Ethernet activity (COM)

1 LED yellow configuration status (STS)

Electrical connection 1 connector, connector type: RJ45 for connecting Modbus bus

1 female connector, connector type: SUB-D 9 for connecting to the Modbus Plus network

1 connector, connector type: MT-RJ (multimode fiber optic) for interconnecting primary and secondary PLCs up to 4 km

Environment

Product certifications CE

CSA

GOST

UL

Misc (Marine)

Standards HazLoc

Ordering and shipping details

Category 18150 - QUANTUM CONTROLLERS,HSBY,COMM.

Discount Schedule PC21

GTIN 00785901990833

Nbr. of units in pkg. 1

Package weight(Lbs) 3.1800000000000002

Returnability N

Country of origin FR

Offer Sustainability

Sustainable offer status Green Premium product

RoHS (date code: YYWW) Compliant - since 1111 - Schneider Electric declaration of conformity