Honeywell 900SP1-0100

Honeywell Expansion Processor Module (900SP1-0100)
EPM acts as the interface module between expansion I/O and control processor module. Required for I/O racks to
communicate to CPMs in a different rack.

Hardware specification and Features
Item Specification
Processor Dual Core ARM® Cortex™-A9 Core (32 bit) 667 MHz
Rotary Address Switch Determine the Rack address range from 1 to 99
LED 2 LEDs, three color each, indicate the status of EPM

Communication Capabilities
Item Specification
Ethernet Ports 2
Network connection Shielded RJ45 connector, auto-crossover
Network port speed 10/100BaseTx, auto-detecting
Isolation 1500 Volts RMS 1 minute, 60 Hz
Transient Voltage Suppression 600W peak pulse power capability at 10 × 1000 μ s waveform, repetition rate:0.01%
Diagnostic LEDs on each port Yes
Protocols, EPM ports 1 & 2 I/O Communication

I/O Network Topology
ControlEdge 900 platform hardware supports both Star and Ring topology to connect Expansion IO rack with CPM rack.
Item Specification
Expansion I/O Network
Topology
Star or Ring topology supported up to 100baseTx using standard RJ45 connections for both Redundant and non-redundant systems.
I/O network maximum cable
lengths
Shielded Ethernet cable
100 m (328 ft.) CPM to EPM (expansion I/O rack), or to switch.
Fiber optic cable
5000m (16404 ft.)1 CPM to EPM or to switch.
Fiber Optic Equipment
Recommendations

You can contact us through the following contact information

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

Unmanaged Ethernet Switch

Moxa Unmanaged Ethernet Switch module EDS-308 with (eight) 10/100 Ethernet ports.(requires 24VDC Power)

Moxa Unmanaged Ethernet Switch model EDS-308-MM-SC with (six) 10/100 Ethernet ports, (two) multi-mode fiber ports with SC Connectors (requires 24VDC power)

Moxa Unmanaged Ethernet Switch module EDS-316-MM-SC with (fourteen) 10/100 Ethernet ports, (two) multi-mode fiber ports with SC Connectors (requires 24VDC Power)

Converter

Qualified Moxa IMC-101-M-SC with 10/100BaseT(X) to 100BaseFX multi-mode fiber port with SC connectors (require 24VDC power),

Copper Ethernet cable

Shielded CAT5 Cable

Fiber optic cable

Multi-mode, Duplex, 62.5/125 with SC connectors on both ends

Note:

1. Select qualified Moxa switch as I/O Network Switch.

Power Consumption (W): 2.6W

Heat Dissipation (W): 2.6W

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