

MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

CONTROLEDGE HC900

900C53-0244-00

REMOTE-RACK I/O SCANNER MODULE

Used with the applicable ControlEdge HC900 I/O scanners configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Honeywell official product documentation

1.2. Model Selection Guide

Legacy System

Description	Model number	SIL Compatible*
Racks		
4 I/O Slot Rack	900R04 – 0001	No
8 I/O Slot Rack	900R08 – 0101	No
12 I/O Slot Rack	900R12 – 0101	No
8 Slot Rack -Red. Power	900R08R – 0101	No
12 Slot Rack - Red. Power	900R12R – 0101	No
Redundant CPU Rack	900RR0 – 0001	No
Controllers		
Controller C50 CPU	900C52 – 02XX-00	No
Controller C30 CPU	900C32 – 02XX-00	No
Controller C70 CPU	900C72 – 01XX-00	No
Controller C70R CPU	900C72R – 01XX-44	No
Redundancy switch module	900RSM – 0001	No
I/O Scanner - 2 Port (1 per I/O rack)	900C73R – 01XX-44	No
I/O Scanner (for remote rack)	900C53 – 02XX-00	No
Redundant Power Status Module	900PSM – 0001	No
Power Supplies		
120/240VAC, 60W	900P01 – 0001	No
120/240VAC, 28W	900P02 – 0001	No
+24VDC	900P24 – 0001	NA
I/O Modules		
Analog Input (8 channel)	900A01 – 0102	No
High Level Analog Input (16 channel)	900A16 – 0001	No
Analog Output, 0 to 20mA, (4 channel)	900B01 – 0201	No
Analog Output, 0 to 20mA, (8 channel)	900B08 – 0001	No
Analog Output, 0 to 20mA, (16 channel)	900B16 – 0001	No
Digital Input, Contact type, (16 channel)	900G01 – 0102	No
Digital Input, 24VDC (16 channel)	900G02 – 0102	No
Digital Input, 24VDC (32 channel)	900G32 – 0001	No
Digital Input, 120/240 VAC, (16 channel)	900G03 – 0102	No
Digital Input, 120/240VAC, 125VDC (16ch-Iso)	900G04 – 0001	No
Digital Output, Relays (8 channel)	900H01 – 0102	No
Digital Output, 24VDC (16 channel)	900H02 – 0102	No
Digital Output, 24VDC (32 channel)	900H32 – 0001	No
Digital Output, 120/240 VAC (8 channel)	900H03 – 0102	No
Pulse/Frequency/Quadrature	900K01 – 0101	NA

*Reference only – For the latest Hardware and firmware revision numbers can be found at:
https://www.honeywellprocess.com/library/support/Public/Downloads/ControlEdge_HC900-SafetyControllerModulesRevisions.zip

Scanner module.

• New System (SIL and Non SIL Model Numbers)*

- 900C30-0460
- 900C50-0460
- 900C70-0460
- 900C75-0460
- 900S75-0460
- 900S50-0460
- 900C30S - 0460
- 900C50S - 0460
- 900C70S - 0460
- 900C75S-0460
- 900S50S - 0460
- 900S75S-0460

*Reference only – For the latest Hardware and firmware revision numbers can be found at:

https://www.honeywellprocess.com/library/support/Public/Downloads/ControlEdge_HC900-SafetyControllerModulesRevisions.zip

ATTENTION

For the Legacy systems, it is specifically mentioned in the guide wherever applicable. The other text is applicable to the new ControlEdge HC900 system. Modems are not qualified with the new ControlEdge HC900 system.

Checking ControlEdge HC900 Model Numbers for Compatibility

ATTENTION

Be sure to check your model numbers for compatibility before installation. For a ControlEdge HC900 system to be fully compatible, all components must have matching model numbers.

Each component's model number format is XXXXXXX-XXYY-ZZ. For example, ControlEdge HC900 CPU is 900C71R-0000-40. For redundant CPU systems, component model numbers ZZ numbers must match. For non-redundant CPU systems, component model numbers YY numbers must match. See examples below.

Example of a compatible redundant system

Component	Model Number XXXXXXX-XXYY-ZZ
ControlEdge HC900 CPU	900C71R-0000-40
Scanner 2	900C73R-0000-40
HC Designer Software	900W01-0040-40
Manuals CD	900ME1-0040-40

Example of a compatible non-redundant system

Component	Model Number XXXXXXX-XXYY-ZZ
ControlEdge HC900 CPU	900C51-0040-00
Scanner 1	900C53-0040-00
HC Designer Software	900W01-0040-40
Manuals CD	900ME1-0040-40