

PM/APM/HPM/EHPM I/O Cardfile

Honeywell 80363975-100 is an I/O cardfile for Process Manager-family systems. It houses configured I/O processors and provides their cabinet backplane connections.

IDENTITY RECORD

MANUFACTURER Honeywell	FAMILY TPS Process Manager I/O
EXACT MODEL 80363975-100	PRIMARY DUTY Process Manager I/O cabinets

APTER POWER SALES TEAM

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REFERENCE PURPOSE

- 1

Establish the exact product identity and installed-system boundary.
- 2

Summarize manufacturer-supported technical data without transferring values from a similar model.
- 3

Provide a compact engineering path for selection, replacement and controlled commissioning.
- 4

Link verified related Apter Power product pages for adjacent family hardware.

TECHNICAL DATA

Cardfile capacity	15 I/O processor positions
System family	PM; APM; HPM; EHPM
Mounting	Cabinet cardfile
Primary function	I/O processor housing
Backplane role	I/O link distribution
Positioning	Keyed processor slots

ENGINEERING NOTE

Label every processor position and cable before removal, inspect the backplane and restore each I/O processor to its original keyed slot.

TECHNICAL VERIFICATION MATRIX

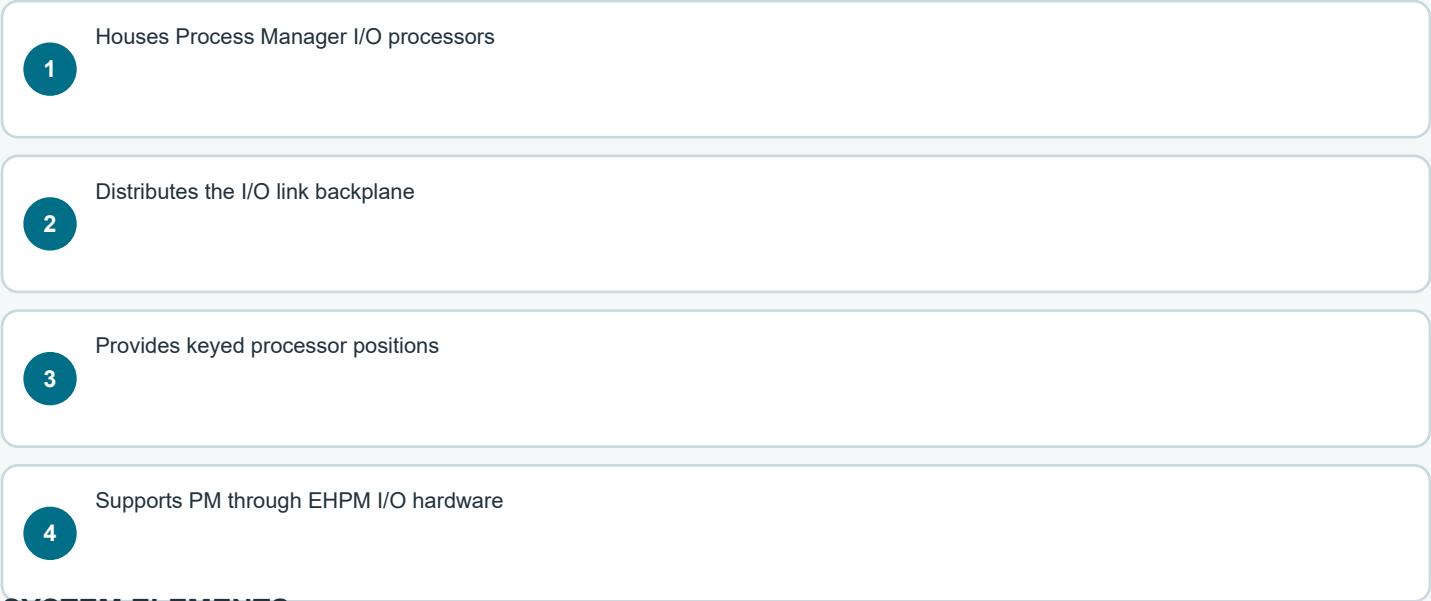
Identity control	Full model marking 80363975-100 and installed execution
Host-system boundary	TPS Process Manager I/O
Companion hardware	PM/APM/HPM/EHPM controller / I/O processors
Acceptance evidence	Documented process manager i/o cabinets functional result

MANUFACTURER SOURCE RECORD

Honeywell Experion Control Hardware Planning Guide | PM I/O cardfile hardware

Functional path and compatible system elements

FUNCTIONAL PATH



SYSTEM ELEMENTS



APPLICATION BOUNDARIES

Process Manager I/O cabinets	Houses Process Manager I/O processors
APM/HPM cardfile maintenance	Distributes the I/O link backplane
I/O processor replacement	Provides keyed processor positions
Legacy TPS cabinet restoration	Supports PM through EHPM I/O hardware

CONTROLLED WORK SEQUENCE

1

Verify the complete 80363975-100 marking, hardware execution and assigned TPS Process Manager I/O position.

2

Place the process in the approved maintenance state and isolate every applicable energy source.

3

Record as-found wiring, shields, jumpers, cable tags, slot identity and diagnostics before removing 80363975-100.

4

Use ESD controls and protect keyed connectors, terminals and assemblies while handling 80363975-100.

5

Confirm the installed PM/APM/HPM/EHPM controller and I/O processors against approved drawings and configuration records.

6

Inspect mating hardware, terminal condition, grounding and mechanical retention before installation.

7

Restore power or network service in controlled stages; confirm status indications before functional commands.

8

Complete a documented functional test for process manager i/o cabinets and retain the as-left record.

DIAGNOSTIC DECISION GATE

If the expected response is absent, do not immediately transfer configuration or replace adjacent hardware. Recheck identity, seating, supply or network state, terminations, channel assignment and manufacturer diagnostics; then repeat the controlled test.

Related family pages, engineer FAQ and source record

Related TPS Process Manager I/O products on Apter Power

MODEL	SERIES / SYSTEM ROLE	APTER POWER PAGE
80363975-150	MC-PDOY22 32-point digital-output processor	Open product page
80363972-100	TPS Process Manager-family I/O hardware	Open product page
80363972-150	TPS Process Manager-family I/O hardware	Open product page
MC-PAOY22 80363969-150	Process Manager analog-output processor	Open product page
K2LCN-8	TPS node processor board with LCN interface	Open product page

ENGINEER FAQ

Q1	What must be matched before installation?	Match the full 80363975-100 marking, revision or execution, assigned position and installed companion hardware.
Q2	What should be isolated first?	Use the site's approved maintenance state and isolate the energy sources serving PM/APM/HPM/EHPM controller and I/O processors.
Q3	What as-found record is required?	Record terminal identity, polarity, shields, jumpers, cable tags, configuration and diagnostic status.
Q4	Which compatibility check is mandatory?	Compare the TPS Process Manager I/O slot, interface, companion hardware and wiring scheme with approved project documentation.
Q5	How should commissioning begin?	Begin with visual and continuity checks, then restore service in stages and observe normal status indications.
Q6	How should the assigned function be proved?	Use a controlled test for process manager i/o cabinets while required interlocks and process safeguards remain effective.
Q7	What should be checked after an abnormal result?	Recheck seating, terminations, supply or network condition, channel assignment and manufacturer diagnostics before further replacement.
Q8	What evidence should be retained?	Retain the 80363975-100 identity, as-left wiring/configuration, final diagnostics and functional-test result.

MANUFACTURER SOURCE RECORD

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