80363975-100

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.

APTER POWER SALES TEAM

WHATSAPP / PHONE	+86 180 3023 5313
EMAIL	sales13@apterpower.com
WEBSITE	www.apterpower.com

SCAN FOR PRODUCT & QUOTE

80363975-100

PRODUCT SNAPSHOT

BRAND
Honeywell

FAMILY
TPS Process Manager I/O

MODEL
80363975-100

DOCUMENT SET
Technical reference / field workbook / complete information

OFFICIAL PRODUCT DESCRIPTION

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.

FUNCTION MAP

1. Houses Process Manager I/O processors
2. Distributes the I/O link backplane
3. Provides keyed processor positions
4. Supports PM through EHPM I/O 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.

COMMON APPLICATIONS

1. Process Manager I/O cabinets
2. APM/HPM cardfile maintenance
3. I/O processor replacement
4. Legacy TPS cabinet restoration

COMPATIBILITY REVIEW

IDENTITY Exact model and hardware execution: 80363975-100	**HOST PLATFORM** TPS Process Manager I/O
PRIMARY COMPANION PM/APM/HPM/EHPM controller	**SECONDARY COMPANION** I/O processors
FIELD BOUNDARY Cardfile power system	**ACCEPTANCE DUTY** Process Manager I/O cabinets

MANUFACTURER SOURCE RECORD

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

Selection boundary: never transfer ratings, wiring, configuration or compatibility from a visually similar model. Confirm the complete physical label and the manufacturer record for the installed system.

PRODUCT PRECAUTIONS

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.

COMMISSIONING ACCEPTANCE

MECHANICAL Correct position, retention and terminal condition	**ELECTRICAL / NETWORK** Supply, grounding, shields, polarity and continuity confirmed
CONFIGURATION Slot, channel, range and companion hardware match approved records	**FUNCTIONAL** Controlled process manager i/o cabinets test completed without abnormal diagnostics

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 — 8 MODEL-SPECIFIC CHECKS

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

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