

APTER POWER ENGINEERING REFERENCE

80363975-150

MC-PDOY22 Digital Output Processor

The 80363975-150 is the MC-PDOY22 32-point digital-output processor that converts TPS controller commands into field-output states through its matched termination assembly.

Parameter	Technical value
Manufacturer	Honeywell
Product model	80363975-150
Part number	80363975-150
System family	TPS Process Manager I/O
Document	Installation & Application Guide
Country	USA
HS code	8537101190

APTER POWER SALES TEAM

INDUSTRIAL AUTOMATION PRODUCT SUPPORT

One verified model, one engineered configuration path.

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SCAN FOR PRODUCT & QUOTE

80363975-150

2. Installation Planning

The 80363975-150 is the MC-PDOY22 32-point digital-output processor that converts TPS controller commands into field-output states through its matched termination assembly.

Pre-installation sequence

- Match the processor to the installed FTA type.
- Place outputs in their engineered safe condition before replacement.
- Verify channel mapping against the control database.
- Prove each field load after processor initialization.

Matched components

- Compatible digital-output FTA
- TPS I/O rack
- PM/APM/HPM/EHPM controller
- Field interposing devices where engineered

3. Wiring and Interface Checks

Installation item	Required technical value
Model	MC-PDOY22
Part number	80363975-150
Processor type	Digital output
Output points	32
Coating class	Conformally coated
Compliance	CE
System families	PM; APM; HPM; EHPM
Country	USA
HS code	8537101190

Interface controls

- Use only the 80363975-150 hardware identity and the matched components listed for this product.
- Record wiring, polarity, addressing or channel allocation before disturbing installed conductors.
- Keep field circuits de-energized until continuity and insulation checks are complete.
- Apply the product-specific limits in the table during loop or channel testing.

4. Commissioning and Functional Test

- 1 Confirm that 80363975-150 and part number 80363975-150 match the cabinet record.
- 2 Verify the connection to Compatible digital-output FTA before applying operating power.
- 3 Check the product function: processes discrete output commands from the control system.
- 4 Simulate or apply a controlled signal for motor starter command outputs.
- 5 Compare the channel indication or output state with the control database.
- 6 Record baseline values and restore the field circuit to its operating configuration.

5. Diagnostics and Return to Service

Product-specific diagnostic questions

How should an engineer verify MC-PDOY22 identification on 80363975-150?

Use the 80363975-150 technical limit or configuration stated for MC-PDOY22 identification, then verify it at the installed channel before service.

What must be checked for thirty-two-point database map on 80363975-150?

Treat thirty-two-point database map as a product-specific commissioning point and compare the field condition with the Honeywell hardware configuration.

Which system detail controls FTA compatibility on 80363975-150?

The required check concerns FTA compatibility; confirm the connected hardware is the matched component listed for 80363975-150.

Why is it important to confirm safe replacement state on 80363975-150?

For safe replacement state, isolate the circuit, record its present configuration and apply the stated Honeywell limit before re-energization.

RETURN-TO-SERVICE CHECK

Confirm model 80363975-150, cabinet wiring, control-system channel assignment and the intended field response before releasing the equipment for production.