



Honeywell MU-PDIY22 80363972-100

TDC 3000 / HPM Digital Input Card

Product scope

- Acquires discrete field states for Honeywell HPM control strategies.
- Transfers conditioned input status through the installed HPM I/O path.
- Supports interlock, sequence, alarm and equipment-status applications.
- Requires exact slot, termination and point-map preservation during replacement.

Manufacturer source

Honeywell HPM service documentation, spare-parts mapping for MU-PDIY22 80363972-100.

The enclosed record and retained manufacturer pages identify the exact product and explain its function, operating principle, application and critical matching requirements.

Request a fast quote	Product reference	
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Honeywell MU-PDIY22 80363972-100

TDC 3000 / HPM Digital Input Card

Manufacturer-source product record

This record consolidates exact-model facts from the manufacturer references listed below. It is included to identify the ordering configuration before the retained source pages.

Model	MU-PDIY22
Part number	80363972-100
Official service description	Digital Input card
System family	Honeywell High-Performance Process Manager / TDC 3000
Signal role	Field digital-state acquisition
Installation basis	Installed HPM I/O configuration, termination assembly and project wiring

Official references

- Honeywell HPM service documentation, spare-parts mapping for MU-PDIY22 80363972-100.
- Manufacturer manual content identifies the exact card as the HPM Digital Input card.

Only the exact configuration shown above is represented. Adjacent model variants, optional assemblies and system accessories are not treated as part of this ordering identity.

Function, operating principle and application

The notes below explain how this product is used and how its documented signal, power or control path operates. They remain limited to the manufacturer evidence for this model.

Purpose

The card acquires discrete field states for the High-Performance Process Manager so interlocks, sequences and supervisory logic can use confirmed on/off conditions.

Operating principle

Conditioned field inputs are converted to logic states and transferred through the HPM I/O path to the process-control database. The control strategy then evaluates those states without the input card executing application logic itself.

Application

Typical signals include permissives, limit switches, equipment status and alarm contacts in TDC 3000 process and utility installations.

Signal integrity

Correct operation depends on the installed termination assembly, field supply, common arrangement and channel assignment. The exact electrical range must be taken from the project hardware record for this card position.

Replacement caution

Preserve the complete MU-PDIY22 / 80363972-100 identity, slot, termination and point mapping. Verify every input in a controlled checkout before returning dependent interlocks to automatic service.



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