

INDUSTRIAL AUTOMATION PRODUCT

51305348-100

MAU Assembly

Honeywell 51305348-100 is identified in the official System HINTS infrastructure table as an MAU assembly. It is serviced by matching the complete part number to the installed AM infrastructure position and its recorded connection arrangement.

IDENTITY	VERIFIED VALUE
Manufacturer	Honeywell
System family	Honeywell TPN infrastructure / AM hardware
Part number	51305348-100
Product role	Carries the official Honeywell part identity 51305348-100
Lifecycle	Installed product record

DOCUMENT SCOPE

Exact-article identity, technical data, host role, installation checks, applications, precautions and engineering verification.

MODEL-SPECIFIC ENGINEERING NOTE

Before exchanging 51305348-100, record its AM infrastructure position, connected coaxial or communication paths, hardware revision and cabinet grounding. Restore the documented topology and verify node communication and system diagnostics under controlled conditions.

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51305348-100

Technical Specifications

Technical values below are limited to the named Honeywell product record and directly applicable manufacturer documentation.

PARAMETER	VALUE	PARAMETER	VALUE
Country of origin	USA	Official description	MAU ASSY
HS code	8537101190	Official table group	Infrastructure / AM
Honeywell part number	51305348-100		

Verified Product Record

DATA GROUP	VERIFIED VALUE
Installed host / carrier	Honeywell TPN infrastructure / AM hardware
Primary system role	Carries the official Honeywell part identity 51305348-100
Connection boundary	Before exchanging 51305348-100, record its AM infrastructure position, connected coaxial or communication paths, hardware revision and cabinet grounding. Restore the documented topology and verify node communication and system diagnostics under controlled conditions.
Controlled acceptance duty	AM infrastructure maintenance

ENGINEERING BOUNDARY

Confirm 51305348-100, MAU ASSY, the installed Honeywell AM infrastructure position, hardware revision, communication and coaxial connections, topology, grounding, system configuration and controlled node-diagnostic and functional-test results before commissioning.

Pre-Installation Checks

1	Confirm the full 51305348-100 marking and MAU ASSY identity before work.	2	Place affected Honeywell nodes and process functions in the approved maintenance state.
3	Record the installed AM infrastructure position and every connected path.	4	Isolate applicable power and use ESD controls before disconnecting the assembly.

Documented Service Record

RECORD ITEM	REQUIRED ENTRY
As-found article	51305348-100
Installed host	Honeywell TPN infrastructure / AM hardware
Connection record	Capture before removal
Controlled release	Diagnostics and functional proof

System Role and Architecture

Honeywell 51305348-100 is identified in the official System HINTS infrastructure table as an MAU assembly. It is serviced by matching the complete part number to the installed AM infrastructure position and its recorded connection arrangement.

FUNCTION 1

Carries the official Honeywell part identity
51305348-100

FUNCTION 2

Uses the official MAU ASSY equipment description

FUNCTION 3

Belongs to the infrastructure / AM grouping in the
System HINTS record

FUNCTION 4

Supports controlled replacement based on the
installed topology record

Matched System Components

NO.	DOCUMENTED COMPONENT / ROLE
1	Honeywell TPN infrastructure / AM hardware
2	8537101190
3	AM infrastructure maintenance
4	Before exchanging 51305348-100, record its AM infrastructure position, connected coaxial or communication paths, hardware revision and cabinet grounding. Restore the documented topology and verify node communication and system diagnostics under controlled conditions.

System Integration Record

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	Honeywell TPN infrastructure / AM hardware
Interface role	Carries the official Honeywell part identity 51305348-100
Field / power context	The assembly is maintained as part of the installed infrastructure configuration. Replacement work preserves the complete part identity, physical position, communication topology, cabinet connections and diagnostic state before the system is returned to service.
Commissioning evidence	Verify node communications, system diagnostics and controlled process acceptance before release.

Installation and Connection Checks

1 Protect coaxial or communication interfaces from contamination and mechanical damage.

2 Inspect cabinet grounding, mating connectors and cable identification before refitting.

3 Restore the documented topology and hardware configuration before energization.

4 Verify node communications, system diagnostics and controlled process acceptance before release.

MANUFACTURER SOURCE RECORD

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Applications and Engineering Context

AM infrastructure maintenance

Restores the MAU assembly position in a documented Honeywell installation.

TPN topology preservation

Maintains the recorded communication path during controlled hardware service.

Legacy-system cabinet refurbishment

Provides exact part identity for an installed infrastructure assembly.

Node communication recommissioning

Supports diagnostic verification after the original connection topology is restored.

TECHNICAL NOTE

Before exchanging 51305348-100, record its AM infrastructure position, connected coaxial or communication paths, hardware revision and cabinet grounding. Restore the documented topology and verify node communication and system diagnostics under controlled conditions.

Model-Specific Acceptance Evidence

CHECK	ACCEPTANCE CONDITION
Identity	51305348-100 recorded
Host / carrier	Honeywell TPN infrastructure / AM hardware
Physical interface	Carries the official Honeywell part identity 51305348-100
Configuration	Restore the documented topology and hardware configuration before energization.
Functional proof	Verify node communications, system diagnostics and controlled process acceptance before release.

IMPORTANT NOTICE

Confirm 51305348-100, MAU ASSY, the installed Honeywell AM infrastructure position, hardware revision, communication and coaxial connections, topology, grounding, system configuration and controlled node-diagnostic and functional-test results before commissioning.

Controlled Release Summary

RELEASE ITEM	MODEL-SPECIFIC CONDITION
Article identity	51305348-100
Approved role	AM infrastructure maintenance
Final validation	Verify node communications, system diagnostics and controlled process acceptance before release.

Engineering Precautions

1	Confirm the full 51305348-100 marking and MAU ASSY identity before work.	2	Place affected Honeywell nodes and process functions in the approved maintenance state.
3	Record the installed AM infrastructure position and every connected path.	4	Isolate applicable power and use ESD controls before disconnecting the assembly.
5	Protect coaxial or communication interfaces from contamination and mechanical damage.	6	Inspect cabinet grounding, mating connectors and cable identification before refitting.
7	Restore the documented topology and hardware configuration before energization.	8	Verify node communications, system diagnostics and controlled process acceptance before release.

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER PAGE
8C-PAIH51	51454352-175 HART analog input	View 8C-PAIH51 page
8C-PDIL51	51454359-175 digital input	View 8C-PDIL51 page
8C-PDODA1	51454472-175 digital output	View 8C-PDODA1 page
CC-TAOX01	analog output IOTA	View CC-TAOX01 page
CC-TDIL51	51307083-175 digital input IOTA	View CC-TDIL51 page
CC-TDOR01	51308376-175 relay output IOTA	View CC-TDOR01 page
51401469-100	HPM UCN controller board	View 51401469-100 page
MC-TAOX52	analog output FTA	View MC-TAOX52 page

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