

51305348-100

MAU Assembly

INSTALLATION, INTERFACE AND VALIDATION WORKBOOK

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.

STEP	GATE	ENGINEERING PURPOSE
01	IDENTIFY	Confirm article, host and hardware
02	ISOLATE	Secure power and stored energy
03	CONNECT	Restore documented interfaces
04	VALIDATE	Prove diagnostics and function

WORKBOOK PURPOSE

Field-ready identity, isolation, connection, commissioning and closeout records for this exact Honeywell article.

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com



51305348-100

Installation Readiness Gate

Complete the identity, host-system and isolation checks before disturbing the installed hardware.

- 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.

Pre-Work Evidence

EVIDENCE ITEM	RECORDED VALUE
Complete article marking	51305348-100
Host / carrier	Honeywell TPN infrastructure / AM hardware
Primary system role	Carries the official Honeywell part identity 51305348-100
Acceptance boundary	Verify node communications, system diagnostics and controlled process acceptance before release.
Source record	2022 September System HINTS

WORK AUTHORIZATION RECORD

Work order: _____ Drawing / revision: _____
 Checked by: _____ Date: _____

Isolation and Access Register

CONTROL POINT	ENGINEER RECORD
Incoming supply	Isolated / proved
Stored energy	Discharged / proved
Field connections	Identified / protected
ESD control	Established / recorded

Pre-Work Documentation

DOCUMENT	ENGINEER RECORD
Connection photograph	Reference / file
Configuration backup	Reference / revision
Diagnostic baseline	Reference / result

Connection and Installation Sequence

INSTALLATION PRINCIPLE

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.

- 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.

Connection Record

CONNECTION GROUP	AS-FOUND / AS-LEFT RECORD	STATUS
Power / field connection	Reference / terminal	Checked
Signal / interface	Reference / connector	Checked
Ground / shield	Reference / point	Checked
Accessory / carrier	Reference / part	Checked

MODEL-SPECIFIC RELEASE LIMIT

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.

Interface Acceptance Criteria

ACCEPTANCE ITEM	REQUIRED EVIDENCE
Identity	51305348-100
Host match	Honeywell TPN infrastructure / AM hardware
Connection proof	Inspect cabinet grounding, mating connectors and cable identification before refitting.
Configuration proof	Restore the documented topology and hardware configuration before energization.

Commissioning and Acceptance Record

Record each controlled verification step before the equipment returns to automatic operation.

NO.	ACCEPTANCE CHECK	RESULT	RECORD
1	Article and host identity	PASS / FAIL	Initial / date
2	Mechanical installation	PASS / FAIL	Initial / date
3	Power and field wiring	PASS / FAIL	Initial / date
4	Grounding and shielding	PASS / FAIL	Initial / date
5	Configuration restoration	PASS / FAIL	Initial / date
6	Signal or power-path response	PASS / FAIL	Initial / date
7	Diagnostics and alarms	PASS / FAIL	Initial / date
8	Final functional release	PASS / FAIL	Initial / date

Engineering Notes

RECORD AREA	ENGINEER ENTRY
As-found condition	
Corrective action	
As-left configuration	
Outstanding restriction	
Release authorization	

CONTROLLED COMMISSIONING

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

Diagnostics and Release Log

EVENT	ENGINEERING RECORD
Initial energization	Result / observation
Interface or signal response	Result / observation
Alarm and diagnostic review	Result / observation
Functional release	Name / date

Maintenance Verification and Closeout

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.

Related Engineering Pages

MODEL	ENGINEERING ROLE	APTER POWER PAGE
MC-TAOX52	analog output FTA	View MC-TAOX52 page
CC-PSV201	51454123-175 servo valve positioner	View CC-PSV201 page
CC-TSV211	51306665-175 servo valve module	View CC-TSV211 page
CC-PPIX01	51410089-175 pulse input module	View CC-PPIX01 page
51198651-100	HPM power supply	View 51198651-100 page
FS-PDC-FTA24P	FTA power cable	View FS-PDC-FTA24P page
FC-PSU-240516	V1.1 safety power unit	View FC-PSU-240516 page
8C-PCNT01	51454363-175 controller assembly	View 8C-PCNT01 page

MANUFACTURER SOURCE RECORD

2022 September System HINTS
Honeywell System HINTS, September 2022

APTER POWER SALES TEAM

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


51305348-100