

INDUSTRIAL AUTOMATION PRODUCT

51306803-100

Enhanced AMR II Printed Wiring Assembly

Honeywell 51306803-100 is the Enhanced AMR II printed wiring assembly for a TDC 3000 Application Module. It supports redundancy interfacing in an AM node.

IDENTITY	VERIFIED VALUE
Manufacturer	Honeywell
System family	TDC 3000 Application Module
Part number	51306803-100
Country	USA
HS code	8537101190

APTER POWER SALES TEAM

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



51306803-100

2

Technical Specifications

Technical values below are limited to the named Honeywell product record.

PARAMETER	TECHNICAL VALUE
Assembly type	PWA
Hardware name	Enhanced AMR II
Node type	AM

APTER POWER

3

System Role and Architecture

Honeywell 51306803-100 is the Enhanced AMR II printed wiring assembly for a TDC 3000 Application Module. It supports redundancy interfacing in an AM node.

FUNCTION 1

Provides the enhanced AM redundancy interface

FUNCTION 2

Supports Application Module paired operation

FUNCTION 3

Carries AMR II hardware functions

FUNCTION 4

Fits the designated AM cardfile position

Matched system components

- Application Module hardware
- AM redundancy cabling
- LCN node cardfile
- AM configuration record

APTER POWER

4

Applications and Engineering Context

AM redundancy maintenance

Provides the enhanced AM redundancy interface

Application Module modernization

Supports Application Module paired operation

LCN node repair

Carries AMR II hardware functions

AM failover diagnostics

Fits the designated AM cardfile position

TECHNICAL NOTE

Record the active AM role and redundancy cable positions, then verify synchronization and a controlled failover after replacing the PWA.

APTER

5

Engineering Precautions

1

Verify the complete 51306803-100 marking and the assigned TDC 3000 Application Module position before field work.

2

Isolate the applicable power, network and field energy before disconnecting 51306803-100.

3

Use ESD controls and protect the keyed connectors of 51306803-100 during handling.

4

Record the installed wiring, jumpers, node or channel assignment before replacement.

5

Confirm Application Module hardware and AM redundancy cabling against the approved system configuration.

6

Restore 51306803-100 under controlled conditions and review the product-specific diagnostics.

7

Complete a functional test for am redundancy maintenance before production release.

MANUFACTURER SOURCE RECORD

Honeywell System HINTS August 2021

TPN coaxial parts list

APTER POWER SALES TEAM

WHATSAPP / PHONE

+86 180 3023 5313

EMAIL

sales13@apterpower.com

WEBSITE

www.apterpower.com



51306803-100