H7082-AB

Standalone power-path installation, inspection and acceptance guide

H7082-AB is the 240 V AC IEC-input external supply used to support documented Digital 90-series equipment in a standalone arrangement. The supply, detachable mains cord, captive output lead, rear cover and powered device must be treated as one installed assembly.

01 Job scope and exact identity

Complete model	H7082-AB
Product type	Standalone network accessory power supply
Manufacturer	Digital Equipment Corporation
Technical basis	Digital EC-11783-46 catalog and WANrouter 90 installed-system guidance

Field decisions before removal

1 Confirm the -AB execution

Accept only the 240 V AC variant with its IEC mains inlet; H7082-AA is a different 120 V arrangement.

2 Record the powered device

Capture the complete DECserver, WANrouter or MUXserver identity and its rear connector before disconnecting power.

3 Inspect the captive interface

Check the output-cable jacket, bend entry, strain relief, keying and equipment-side contacts.

4 Preserve the enclosure relationship

Record whether the H3042-AA rear cover is fitted and how it controls cable exit and closure.

5 Prove both power and communication

A steady host indication proves only the supply path; complete acceptance includes normal network communication.

Installed power path

1 Site branch
240 V AC, 50/60 Hz

2 Mains lead
Detachable IEC cord

3 External supply
H7082-AB enclosure

4 Host interface
Captive output lead

5 Powered equipment
Digital 90-series unit

Pre-work evidence

Supply label	Complete H7082-AB marking, input rating and approval marks
Host identity	Full network-device model and installed location
Mechanical record	Rear cover, cable exit, connector orientation and enclosure closure
Electrical record	Branch identity, IEC cord rating and protective-earth arrangement
Baseline	Host indicators and communication state before service

Assembly decision matrix

Correct supply	-AB suffix, 240 V marking and IEC inlet agree
Correct host fit	Captive plug keying and rear-cover cable exit match the installed unit
Safe mechanical state	Enclosure closes without cable pinch and strain relief remains supported

02 Pre-installation readiness

Match the site circuit

Compare the supply label with the available 240 V AC branch and the detachable cord rating.

Protect the captive lead

Reject cuts, crushed insulation, loose strain relief or damaged equipment-side contacts.

Check rear-cover closure

The documented cover must seat without pinching, twisting or sharply bending the output cable.

Keep device identity traceable

Retain supply and host labels together so the standalone assembly can be rebuilt exactly.

De-energize before mating

Complete cover, cable and connector work before applying mains power.

Separate power from data faults

Do not treat a lit power indicator as proof that the network interface is functional.

Pre-installation release gates

Variant gate	-AB suffix, 240 V marking and IEC inlet agree Proceed only when all three identifiers agree.
Cord gate	IEC lead rating and condition are acceptable No exposed conductor, loose inlet fit or damaged earth contact.
Output gate	Captive cable and equipment plug are undamaged Strain relief is secure and contact keying matches the host.
Cover gate	Rear-cover arrangement matches the installed device Cover closes fully without cable compression.
Host gate	Complete powered-device reference is recorded Nameplate and installed connector photographs are retained.
Baseline gate	Pre-work indication and communication state are known An approved comparison record exists before exchange.

03 Controlled installation and commissioning

01 Isolate	Open and verify the approved mains isolation before handling the cover or connectors.
02 Photograph	Record supply label, host label, cord, rear cover and both ends of the captive lead.
03 Inspect	Check enclosure seams, inlet, cable jacket, strain relief, plug contacts and host receptacle.
04 Rebuild	Fit the documented cover and route the captive cable without twist, pinch or unsupported load.
05 Energize	Apply the verified 240 V source and observe the host power indication for stability.
06 Prove service	Confirm normal host communication, then retain the final arrangement and test results.

Commissioning acceptance criteria

Mains path	Stable supply input with no inlet heating, intermittent fit or protective-earth concern
Host power	Steady equipment indication after cover closure and cable routing are complete
Network function	Normal communication through the installed interface after power-up
Physical release	Cover secure; captive lead supported; labels and connectors remain visible for service

04 Diagnostics and escalation

No host power indication	Verify the branch source and IEC cord first; then inspect the inlet, captive output lead and host connector.
Power present, no communication	Confirm connector seating and host network-interface state; do not condemn the power supply from a data-path symptom.
Intermittent restart	Inspect cord retention, strain relief, cable movement and rear-cover pressure while the assembly remains safely controlled.
Cover will not close	Stop installation and compare the cover type, cable exit and connector orientation with the recorded arrangement.
Wrong input variant suspected	Quarantine the unit if suffix, input marking or inlet style does not match H7082-AB.
Visible cable damage	Do not energize; isolate the supply and document the jacket, strain-relief or contact defect for review.

Fault-isolation evidence

Upstream source	Measured branch availability and IEC cord continuity
Supply assembly	Complete H7082-AB label, inlet condition and enclosure state
Powered-device interface	Captive lead, plug keying, host receptacle and rear-cover routing
Functional result	Power indication and network communication recorded separately

05 Handover and evidence package

Identity package	Supply and host nameplates plus installed-location reference
Configuration package	Cord identity, rear-cover type, cable route and connector photographs
Electrical proof	Approved source, isolation release and stable power-up observation
Functional proof	Host indication and representative communication result
Release record	Technician, date, observed deviations and responsible approval

Application boundaries

Electrical	H7082-AA is not an automatic substitute for the 240 V IEC -AB execution.
Mechanical	Rear-cover and captive-cable fit must be established from the installed device.
Functional	Power indication and network communication are separate acceptance points.

Other verified ApterPower legacy automation references

Navigation references only; they are not automatic substitutes for this product.

- ABB DAPC100 3ASC25H203
- ABB SINT4610C
- ABB 3BHE004573R0141 UFC760BE141
- ABB HESG447398R20 HE666710-318/1 70EA06a-E

Discuss the exact installed reference

Send the complete marking, installed relationship and required quantity.

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