

Work Scope and Safe Boundary

114M5330-01 field guide

This field checklist applies to the 3500/15 low-voltage DC supply module. It supplements - and never replaces - the current manufacturer installation manual, rack drawing and approved site isolation procedure.

Prepare the Controlled Work Package

RECORD	REQUIRED CONFIRMATION
Module identity	Exact 114M5330-01 marking and approved installed revision.
PIM identity	114M5335-01 designated low-voltage DC input module.
Rack location	One of two dedicated left-side half-height positions.
Power source	20-30 Vdc input arrangement and approved isolation boundary.
Protection state	Affected machinery-monitoring functions are in the authorized maintenance state.
Redundancy	The second supply, if present, is identified and proved available.

Do not assume

The presence of a second supply does not by itself authorize live removal. Follow the applicable site work permit, electrical safety plan and manufacturer procedure.

Related Products on Apter Power

Bently Nevada 114M5335-01	View Bently Nevada 114M5335-01 page
Bently Nevada 3500/05-01-02-00-00	View Bently Nevada 3500/05-01-02-00-00 page
Bently Nevada 3500/15 106M1079-01	View Bently Nevada 3500/15 106M1079-01 page
Bently Nevada 3500/15 106M2686-00	View Bently Nevada 3500/15 106M2686-00 page
Bently Nevada 3500/15 127610-01	View Bently Nevada 3500/15 127610-01 page
Bently Nevada 3500/15 133292-01	View Bently Nevada 3500/15 133292-01 page
Bently Nevada 133300-01	View Bently Nevada 133300-01 page
Bently Nevada 3500/15-05-05-01	View Bently Nevada 3500/15-05-05-01 page

Pre-Installation Inspection

Identity and Interface Checks

CHECK	EXPECTED RECORD
Nameplate	114M5330-01, not a legacy or differently rated supply.
PIM	114M5335-01 at the matching rear power position.
Input wiring	Connection and polarity follow the approved 3500 rack drawing.
Source capability	Supply design supports the loaded rack within the documented DC input limit.
Rack slot	Dedicated left-side half-height power slot is identified.
Second supply	If fitted, primary/backup roles and present status are recorded.
Environmental state	Operating conditions are within published family limits.
Legacy boundary	Legacy DC module and PIM are not mixed with current DC hardware.

Release hold point

Stop if exact module or PIM identity, approved drawing, input feed, rack condition or protection maintenance state cannot be verified.

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Bently Nevada 3500/15 133292-01	View Bently Nevada 3500/15 133292-01 page
Bently Nevada 133300-01	View Bently Nevada 133300-01 page
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Bently Nevada 3500/15 106M1079-01	View Bently Nevada 3500/15 106M1079-01 page
Bently Nevada 3500/15 106M2686-00	View Bently Nevada 3500/15 106M2686-00 page

Connection and Commissioning

Sequence and Evidence

STEP	ACTION	ACCEPTANCE
01	Record exact installed module and PIM.	114M5330-01 and 114M5335-01 match the work order.
02	Apply approved rack and process safeguards.	Protection functions remain controlled.
03	Confirm supply position and second feed.	Primary/backup arrangement is understood.
04	Inspect connectors and rear input wiring.	No visible damage or unapproved modification.
05	Verify the DC feed at the approved test point.	Measured value is within 20-30 Vdc input range.
06	Install or replace per current instructions.	Module is secured in the proper rack slot.
07	Observe Supply OK and rack indications.	No unexplained fault remains.
08	Complete controlled functional testing.	Monitoring and protection response meets the site plan.

Record the as-left state

Capture supply status, installed part and PIM identity, DC reading, rack diagnostics and the authorized return-to-service result.

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Bently Nevada 3500/15 133292-01	View Bently Nevada 3500/15 133292-01 page
Bently Nevada 133300-01	View Bently Nevada 133300-01 page

Acceptance and Fault Isolation

Controlled Release Summary

ITEM	REQUIRED EVIDENCE
Identity	Exact 114M5330-01 and corresponding PIM are recorded.
Electrical	Approved 20-30 Vdc source and wiring are confirmed.
Redundancy	Primary/backup status is verified where both slots are used.
Indication	Supply OK and rack diagnostic state are understood.
Function	Controlled monitoring/protection test passes.

If the Result Is Not As Expected

SYMPTOM	FIRST CONTROLLED CHECK
No Supply OK	Check approved DC source, matching PIM and rack diagnostics.
Input outside range	Hold energization; reconcile the source and wiring.
Second supply unavailable	Do not assume uninterrupted rack operation during work.

Manufacturer source record

Bently Nevada 3500/15 AC and DC Power Supplies Datasheet, 141530 Rev. P. Exact spare-part listing and family specifications; consult the current manufacturer installation instructions for work authorization.

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114M5330-01