

Bently Nevada 106M2686-01 115M7750-01

COMPLETE PRODUCT INFORMATION

Bently Nevada 106M2686-01 115M7750-01 is retained as the supplied combined identifier; the attached 3500/15 datasheet explicitly identifies 115M7750-01 as the High Voltage DC Power Input Module.

Exact identity

Complete Supplied Identifier	106M2686-01 115M7750-01
Confirmed Part	115M7750-01
Confirmed Component	High Voltage DC Power Input Module (PIM)
Host	3500/15 High Voltage DC power-supply position
Unresolved Code	106M2686-01 retained without an unsupported decoding

Installed context

Exact item	Installed context	Acceptance
106M2686-01 115M7750-01	Mating component or rack position	Machine-specific functional check

3500 rack DC input

Bring 88 to 140 Vdc into the matched 3500/15 high-voltage supply position.

Redundant power positions

Support either the primary or backup supply location when the rack is configured for two supplies.

Rear input service

Maintain the special half-height PIM directly behind its associated supply.

Fuse-protected input

Provide the documented PIM fuse response for an overvoltage condition.

Related Bently Nevada models

Bently Nevada 128031-01	Related portfolio reference; verify the complete execution.
Bently Nevada 128718-01	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/05-02-04-00-00-01	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/32M	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/64M	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/60	Related portfolio reference; verify the complete execution.

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Manufacturer-supported characteristics

Confirmed Part Number	115M7750-01
Component	High Voltage DC PIM
Input Voltage	88 to 140 Vdc
Maximum Full-Rack Current Draw	2.5 A
Overvoltage Response	Fuse opens on the PIM
Undervoltage Response	Does not harm the supply or PIM

Additional data

PIM Dimensions	120.7 x 25.4 x 114.3 mm
PIM Weight	0.34 kg
Rack Position	Special half-height rear position behind the associated power supply
Operating Temperature	-30 to +65 deg C
Storage Temperature	-40 to +85 deg C
Humidity	95%, non-condensing

Interpretation boundary

The attached datasheet lists 115M7750-01 as the High Voltage DC PIM but does not decode 106M2686-01. Preserve the complete supplied identifier and confirm the first code from the item label before acceptance.

Evidence discipline

Unverified weight, dimensions and suffix meanings are intentionally omitted. Confirm them only from the exact manufacturer record or nameplate.

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01 / Field precaution

Record both 106M2686-01 and 115M7750-01 exactly from the item before service.

02 / Field precaution

Treat 115M7750-01 as the confirmed High Voltage DC PIM and leave 106M2686-01 unresolved without label evidence.

03 / Field precaution

Verify the actual input is within 88 to 140 Vdc before connection.

04 / Field precaution

Match the PIM to the compatible high-voltage DC 3500/15 supply module.

05 / Field precaution

Apply the approved rack shutdown and electrical-isolation procedure.

06 / Field precaution

Inspect the rear connector, cover, fuse and half-height mounting position.

07 / Field precaution

Check polarity and secure conductors before restoring input power.

08 / Field precaution

Verify supply OK indication and rack operation after controlled energization.

Acceptance checkpoints

Identity	Full model and nameplate recorded
Mechanical	Mounting, enclosure and routing inspected
Electrical	Power, loop or cable checks follow the applicable source
Integration	Mating components and system length confirmed
Acceptance	Machine-specific functional result recorded

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Which part is confirmed in Bently Nevada 106M2686-01 115M7750-01?

The attached datasheet explicitly lists 115M7750-01 as the High Voltage DC PIM.

What input range applies to Bently Nevada 106M2686-01 115M7750-01?

The confirmed high-voltage DC PIM input range is 88 to 140 Vdc.

Where is Bently Nevada 106M2686-01 115M7750-01 installed?

The PIM occupies the special half-height rear position directly behind the associated supply.

What is the maximum current stated for Bently Nevada 106M2686-01 115M7750-01?

The high-voltage DC option lists a 2.5 A maximum full-rack current draw.

What happens during overvoltage on Bently Nevada 106M2686-01 115M7750-01?

The datasheet states that an overvoltage opens the fuse on the PIM.

Which fuse is listed for Bently Nevada 106M2686-01 115M7750-01?

Part 129M0198 is listed as the replacement fuse for the High Voltage DC PIM.

What does 106M2686-01 mean in Bently Nevada 106M2686-01 115M7750-01?

The attached datasheet does not decode that identifier, so it is retained for nameplate confirmation.

What confirms commissioning of Bently Nevada 106M2686-01 115M7750-01?

Verify identity, input range, polarity, fuse condition, Supply OK indication and stable rack operation.

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Evidence record

Manufacturer	Bently Nevada, a Baker Hughes company
Reference	3500/15 AC and DC Power Supplies Datasheet 141530 Rev. P
Exact identifier	106M2686-01 115M7750-01
Evidence boundary	Only directly supported family and ordering statements are used

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Recommendation rule

Brand + model links identify related Bently Nevada pages. They do not claim compatibility or substitution.

Service record

Retain exact identity, installed point, companion components, as-found condition, inspection evidence and machine-specific acceptance result.

Manufacturer evidence

141530 Rev. P: 3500/15 supply/PIM relationship p. 1; high-voltage DC input, current and PIM physical data p. 2; rack position and environment p. 3; exact 115M7750-01 spare identity p. 6.

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