

BENTLY NEVADA

HI-POTTED 00270143 PX4995

INSTALLATION & COMMISSIONING GUIDE

Bently Nevada HI-POTTED 00270143 PX4995 is a resin-encapsulated control transformer identified by the 00270143 and PX4995 markings, with PX49950232 appearing as a matching market cross-reference.

IDENTIFY

ISOLATE

RECORD

INSTALL

PROVE

FIELD NAVIGATION

01	Bently Nevada 3500-65-145988-02-172109-01 VIEW Bently Nevada 3500-65-145988-02-172109-01	02	Bently Nevada 172115-01 VIEW Bently Nevada 172115-01
03	Bently Nevada 3500-25-149369-01-135473-01 VIEW Bently Nevada 3500-25-149369-01-135473-01	04	Bently Nevada 3500-32-01-01 VIEW Bently Nevada 3500-32-01-01
05	Bently Nevada 3500-22-01-01-01 VIEW Bently Nevada 3500-22-01-01-01	06	Bently Nevada 129716-XXX-037-15-05 VIEW Bently Nevada 129716-XXX-037-15-05

APTER POWER SALES TEAM

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EMAIL sales13@apterpower.com
WEBSITE www.apterpower.com



HI-POTTED 00270143...

Pre-work identity and record

Complete model	HI-POTTED 00270143 PX4995
Manufacturer	Bently Nevada
Product family	machinery-monitoring control-power assembly
Exact article identity	HI-POTTED 00270143 PX4995
Manufacturer	Bently Nevada
Component type	Potted control transformer
Primary visible marking	00270143

DO NOT ASSUME

Verify primary and secondary electrical ratings from the physical nameplate and controlled equipment drawings before installation. Match the harness, connector keying, mounting orientation, bonding and measured circuit requirements before energization.



Eight-step field sequence

1

Record HI-POTTED, 00270143 and PX4995 markings and photograph every side before removal.

2

Isolate and prove dead both the incoming control-power circuit and all secondary circuits.

3

Label every harness conductor and multi-pin connector without relying on wire color alone.

4

Inspect the potted body for cracks, heat damage, leakage or disturbed mounting hardware.

5

Verify primary and secondary requirements from the nameplate and equipment drawings before connecting a replacement.

6

Compare connector keying, harness reach, mounting orientation and protective bonding with the removed assembly.

7

Energize through the approved controlled procedure and check secondary voltage before reconnecting the load.

8

Reconnect the monitored circuits only after stable no-load and loaded results are recorded and accepted.

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Connection and configuration preservation

RECORD 01 the documented incoming control-power circuit

RECORD 02 HI-POTTED 00270143 PX4995 transformer assembly

RECORD 03 the attached harness and multi-pin connectors

RECORD 04 the protected downstream monitoring or control circuit

Field evidence checklist

☐

all visible markings

☐

connector keying and orientation

☐

wire and shield labels

☐

mounting and bonding

☐

program or circuit record

☐

pre- and post-work readings

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Commissioning and acceptance

01 VISUAL

Confirm exact identity, seating, mounting, connectors, shields and protective bonding.

02 STATIC

Verify isolated-circuit continuity, insulation and configuration against the controlled record.

03 ENERGIZE

Apply power through the approved controlled sequence while observing diagnostics and abnormal heating.

04 FUNCTION

Prove every assigned signal or control-power path without extending the test beyond the documented system.

05 ACCEPT

Retain the measured result, final configuration, diagnostics and responsible approval.

FINAL RELEASE RECORD

Retain the complete HI-POTTED 00270143 PX4995 identity, as-left connections, configuration, controlled test results and release authorization.

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Related products on Apter Power

Navigation links only. Confirm every replacement against the installed article and controlled project record.

- | | |
|---|---|
| 01 Bently Nevada 330192-00-20-10-00
VIEW Bently Nevada 330192-00-20-10-00 | 02 Bently Nevada 330195-02-12-10-00
VIEW Bently Nevada 330195-02-12-10-00 |
| 03 Bently Nevada 330103-00-07-05-01-05
VIEW Bently Nevada 330103-00-07-05-01-05 | 04 Bently Nevada 330910-00-13-05-02-00
VIEW Bently Nevada 330910-00-13-05-02-00 |
| 05 Bently Nevada 330910-00-12-05-02-00
VIEW Bently Nevada 330910-00-12-05-02-00 | 06 Bently Nevada 24701-34-05-00-043-03-02
VIEW Bently Nevada 24701-34-05-00-043-03-02 |
| 07 Bently Nevada 21000-16-10-00-098-03-02
VIEW Bently Nevada 21000-16-10-00-098-03-02 | 08 Bently Nevada 21000-34-10-00-078-04-02
VIEW Bently Nevada 21000-34-10-00-078-04-02 |
| 09 Bently Nevada 21000-34-10-00-071-04-02
VIEW Bently Nevada 21000-34-10-00-071-04-02 | 10 Bently Nevada 31000-28-05-00-056-01-02
VIEW Bently Nevada 31000-28-05-00-056-01-02 |
| 11 Bently Nevada 330880-16-00-039-03-02
VIEW Bently Nevada 330880-16-00-039-03-02 | 12 Bently Nevada 21000-16-10-00-077-03-02
VIEW Bently Nevada 21000-16-10-00-077-03-02 |
| 13 Bently Nevada 129716-173-037-15-05
VIEW Bently Nevada 129716-173-037-15-05 | 14 Bently Nevada 330851-02-000-060-10-01-05
VIEW Bently Nevada 330851-02-000-060-10-01-05 |
| 15 Bently Nevada 74712-03-10-02-00
VIEW Bently Nevada 74712-03-10-02-00 | 16 Bently Nevada 350610-00-05
VIEW Bently Nevada 350610-00-05 |
| 17 Bently Nevada 330194-15-25-50-05
VIEW Bently Nevada 330194-15-25-50-05 | 18 Bently Nevada 330194-05-13-50-05
VIEW Bently Nevada 330194-05-13-50-05 |

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