

## SINGLE-ENTRY POWER CONNECTION WITH JUNCTION BOX



nVent RAYCHEM JBS-100 is a junction box used to connect power to one nVent RAYCHEM BTV, QTVR, XTV, KTV or VPL industrial parallel heating cable. Offered in three versions, customized for local installation practices, each are also available with a power indicator. JBS-100-E, JBS-100-L-E; JBS-100-EP, JBS-100-L-EP; JBS-100-A, JBS-100-L-A.

### FEATURES

Simple and fast to install, spacious boxes with front access, captive lid screws and robust spring type terminals for secure fixing

Part of a modular component system, providing maximum flexibility

One range for all nVent RAYCHEM industrial parallel heating cables

Simplified design in hazardous area, integral part of system approval

Cold-applied: core sealing boot with non-curing sealant; no heat gun, no hot work permit needed

Reliable during long life: 10 year extended product warranty available, maintenance free

### SPECIFICATIONS

<b>Max Conductor Cross Section:</b>	0.0155 in <sup>2</sup>
<b>For Ex-Zone Gas:</b>	1, 2
<b>Inlet Quantity:</b>	2
<b>Connection Clamp Quantity:</b>	3
<b>Cable Entry:</b>	3/4"
<b>Depth:</b>	3.54 in
<b>Width:</b>	4.72 in
<b>Height:</b>	9.5 in
<b>For Ex-Zone Dust:</b>	21, 22
<b>Connection Type:</b>	Cold Applied
<b>Material:</b>	Glass Fiber Reinforced Polymer
<b>Area Classification:</b>	Non-Hazardous; Hazardous
<b>IP Rating:</b>	IP66
<b>Knockouts Included:</b>	No
<b>Mounting:</b>	On Pipe
<b>Cover Attachment:</b>	Screwed

**Halogen Free:**

Yes

Table 1/1

Catalog Number	Item Name	Ambient Temperature	Light Indication Included	Earth Plate Included	Below Insulation
085947-000	JBS-100-A	-40 to 133 °F	No	No	No
944699-000	JBS-100-L-A	-40 to 104 °F	Yes	No	No
C26470-000	JBS-100-A6	-40 to 133 °F	No	No	No

**ADDITIONAL PRODUCT DETAILS**

Localized versions may exist with limited approvals and different part numbers. Contact your local sales representative.

**WARNING**

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at [www.nvent.com](http://www.nvent.com) and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

**North America**

Tel +1.800.545.6258

Fax +1.800.527.5703

[thermal.info@nvent.com](mailto:thermal.info@nvent.com)**Europe, Middle East, Africa**

Tel +32.16.213.511

Fax +32.16.213.604

[thermal.info@nvent.com](mailto:thermal.info@nvent.com)**Asia Pacific**

Tel +86.21.2412.1688

Fax +86.21.5426.3167

[cn.thermal.info@nvent.com](mailto:cn.thermal.info@nvent.com)**Latin America**

Tel +1.713.868.4800

Fax +1.713.868.2333

[thermal.info@nvent.com](mailto:thermal.info@nvent.com)

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