

## 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 & BENEFITS

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

**Connection Type** Cold Applied

**Material** Glass Fiber Reinforced Polymer

**Mounting** On Pipe

**IP Rating** IP66

**Inlet Quantity** 2

**Cable Entry** M25

**Knockouts Included** No

**Cover Attachment** Screwed

**For Ex-Zone Gas** 1, 2

**For Ex-Zone Dust** 21, 22

**Max Conductor Cross Section** 10 mm<sup>2</sup>

**Halogen Free** Yes

**Connection Clamp Quantity** 3

**Height** 242 mm

**Width** 120 mm

**Depth** 90 mm

**Area Classification** Non-Hazardous; Hazardous

Table 1/1

Catalog Number	Item Name	Ambient Temperature	Light Indication Included	Earth Plate Included	Below Insulation
158251-000	JBS-100-EP	-55 to 56 °C	No	Yes	No
075249-000	JBS-100-L-EP	-40 to 40 °C	Yes	Yes	No
054363-000	JBS-100-L-E	-40 to 40 °C	Yes	No	No
829939-000	JBS-100-E	-55 to 56 °C	No	No	No

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

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