

MODULAR JUNCTION BOX



nVent RAYCHEM JBU-100 is a modular junction box used to connect power to up to three nVent RAYCHEM BTV, QTVR, XTV, KTV or VPL industrial parallel heating cables. Offered in two versions, customized for local installation practices. All kits are also available with a light for power indication.

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

Material Glass Fiber Reinforced Polymer

Mounting Wall/Support Bracket Mounted

IP Rating IP66

Inlet Type Cable

Inlet Quantity 4

Cover Attachment Screwed

For Ex-Zone Gas 1, 2

For Ex-Zone Dust 21, 22

Max Conductor Cross Section 10 mm²

Halogen Free Yes

Connection Clamp Quantity 6

Area Classification Non-Hazardous; Hazardous

Table 1/2

Catalog Number	Item Name	Ambient Temperature	Height	Depth	Width	Light Indication Included
243948-000	JBU-100-EP	-55 to 56 °C	160 mm	90 mm	160 mm	No
113974-000	JBU-100-L-EP	-40 to 40 °C	160 mm	90 mm	160 mm	Yes
069262-000	JBU-100-L-E	-40 to 40 °C	160 mm	90 mm	160 mm	Yes
051976-000	JBU-100-E	-55 to 56 °C	160 mm	90 mm	160 mm	No

Table 2/2

Catalog Number	Item Name	Earth Plate Included	Below Insulation
243948-000	JBU-100-EP	Yes	No
113974-000	JBU-100-L-EP	Yes	No
069262-000	JBU-100-L-E	No	No
051976-000	JBU-100-E	No	No

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

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