Modular Junction Box

nVent RAYCHEM JBU-100 is a modular junction box used to connect power to up to three nVent RAYCHEM BTV, QTVR, XTVR, HTV 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

- 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 flexibilty
- 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

For Ex-Zone Gas:	1, 2
Inlet Quantity:	4
Connection Clamp Quantity:	6
Max Conductor Cross Section:	10 mm²
For Ex-Zone Dust:	21, 22
Inlet Type:	Cable
Material:	Glass Fiber Reinforced Polymer
Area Classification:	Non-Hazardous; Hazardous
IP Rating:	IP66
Cover Attachment:	Screwed
Mounting:	Wall/Support Bracket Mounted
Halogen Free:	Yes

Table 1/2						
Catalog Number	**Item Name**	**Ambient Temperature**	**Height**	**Depth**	**Width**	**Light Indication Included**
051976-000	JBU-100-E	−55 to 56 °C	160 mm	90 mm	160 mm	No
069262-000	JBU-100-L-E	−40 to 40 °C	160 mm	90 mm	160 mm	Yes
113974-000	JBU-100-L-EP	−40 to 40 °C	160 mm	90 mm	160 mm	Yes
243948-000	JBU-100-EP	−55 to 56 °C	160 mm	90 mm	160 mm	No

Table 2/2			
Catalog Number	**Item Name**	**Earth Plate Included**	**Below Insulation**
051976-000	JBU-100-E	No	No
069262-000	JBU-100-L-E	No	No
113974-000	JBU-100-L-EP	Yes	No
243948-000	JBU-100-EP	Yes	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 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.

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