

MULTIPLE-ENTRY POWER/TEE CONNECTION WITH POLYMER JUNCTION BOX



nVent RAYCHEM JBM-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 and integrates the functions of both connection kits and insulation entries. Offered in three versions, customized for local installation practices, each are also available with a power indicator. JBM-100-E, JBM-100-L-E; JBM-100-EP, JBM-100-L-EP; JBM-100-A, JBM-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 mm²

Halogen Free Yes

Connection Clamp Quantity 6

Area Classification Non-Hazardous; Hazardous

Table 1/2

Catalog Number	Item Name	Ambient Temperature	Height	Width	Depth	Light Indication Included
395855-000	JBM-100-L-E	-40 to 40 °C	240 mm	220 mm	90 mm	Yes
986415-000	JBM-100-EP	-55 to 56 °C	240 mm	220 mm	90 mm	No
831519-000	JBM-100-E	-55 to 56 °C	240 mm	220 mm	90 mm	No
300273-000	JBM-100-L-EP	-40 to 40 °C	240 mm	220 mm	90 mm	Yes

Table 2/2

Catalog Number	Item Name	Earth Plate Included	Modular	Below Insulation
395855-000	JBM-100-L-E	No	No	No
986415-000	JBM-100-EP	Yes	No	No
831519-000	JBM-100-E	No	No	No
300273-000	JBM-100-L-EP	Yes	No	No

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

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