

# 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, XTVR, HTV 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.

## CARACTERÍSTICAS

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

## ESPECIFICACIONES

|                                     |                                |
|-------------------------------------|--------------------------------|
| <b>For Ex-Zone Gas:</b>             | 1, 2                           |
| <b>Inlet Quantity:</b>              | 2                              |
| <b>Cable Entry:</b>                 | 3/4"                           |
| <b>Connection Clamp Quantity:</b>   | 6                              |
| <b>Max Conductor Cross Section:</b> | 10 mm <sup>2</sup>             |
| <b>For Ex-Zone Dust:</b>            | 21, 22                         |
| <b>Tipo de conexión:</b>            | Cold Applied                   |
| <b>Material:</b>                    | Glass Fiber Reinforced Polymer |
| <b>Area Classification:</b>         | Non-Hazardous; Hazardous       |
| <b>Clasificación IP:</b>            | IP66                           |
| <b>Knockouts Included:</b>          | No                             |
| <b>Montaje:</b>                     | On Pipe                        |
| <b>Cover Attachment:</b>            | Screwed                        |

Libre de halógenos: Sí

Table 1/2

| Número de catálogo | Nombre del artículo | Ambient Temperature | Altura | Ancho  | Profundidad | Light Indication Included |
|--------------------|---------------------|---------------------|--------|--------|-------------|---------------------------|
| 656081-000         | JBM-100-L-A         | -40 to 40 °C        | 240 mm | 220 mm | 90 mm       | Sí                        |
| 179935-000         | JBM-100-A           | -40 to 56 °C        | 240 mm | 220 mm | 90 mm       | No                        |

Table 2/2

| Número de catálogo | Nombre del artículo | Earth Plate Included | Modular | Below Insulation |
|--------------------|---------------------|----------------------|---------|------------------|
| 656081-000         | JBM-100-L-A         | No                   | No      | No               |
| 179935-000         | JBM-100-A           | No                   | No      | No               |

## ADDITIONAL PRODUCT DETAILS

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

## ADVERTENCIA

Los productos nVent deben instalarse y usarse solo como se indica en las hojas de instrucciones y materiales de capacitación del producto nVent. Las hojas de instrucciones están disponibles en [www.nvent.com](http://www.nvent.com) y con su representante de atención al cliente de nVent. La instalación incorrecta, el mal uso, la aplicación incorrecta u otras fallas en el seguimiento completo de las instrucciones y advertencias de nVent pueden causar el mal funcionamiento del producto, daños a la propiedad, lesiones corporales graves y la muerte y/o anular la garantía.

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