

Integrated Junction Box for Direct Connection of PI cables



nVent RAYCHEM JBx-PI-E(P) junction boxes are used for direct connection of XPI(-S) heating cables to a power supply, without the need of a cold lead, or for splicing. They come with an integrated pipe stand, an earth plate and external earth stud. There are 3 variations: two (2) are used for power connection (JBS-PI-EP, JBM-PI-EP); one (1) is used for splicing (JB-SPLICE-PI-E). They support monophase and triphase configurations, up to 45A operational current (depending on heating cable and temperature), and the design is integrated in TraceCalc Pro. Suitable for use in hazardous area.

CARACTERÍSTICAS

Simplified BOM (no cold lead, no support bracket, no insulation entry kit)

Simplified & faster installation (no hot-cold connections / no special tools / connection with cage clamp terminals)

Hazardous area approved

Different versions (supporting multiple configurations)

Design validated through nVent design software TraceCalc Pro

ESPECIFICACIONES

For Ex-Zone Gas:	1, 2
Max Conductor Cross Section:	16 mm ²
For Ex-Zone Dust:	21, 22
Tipo de conexión:	Cold Applied
Material:	Glass Fiber Reinforced Polymer
Area Classification:	Non-Hazardous; Hazardous
Clasificación IP:	IP66
Knockouts Included:	No
Below Insulation:	No
Montaje:	On Pipe
Cover Attachment:	Screwed
Libre de halógenos:	Sí
Ambient Temperature:	-55 a 56 °C

Table 1/2

Número de catálogo	Nombre del artículo	Inlet Quantity	Cable Entry	Connection Clamp Quantity	Altura	Ancho
P000004430	JB-SPLICE-PI-E	0	N.A.	5	160 mm	260 mm
P000004429	JBM-PI-EP	1	M32	5	120 mm	220 mm
P000004428	JBS-PI-EP	1	M25	3	120 mm	122 mm

Table 2/2

Número de catálogo	Nombre del artículo	Profundidad	Earth Plate Included
P000004430	JB-SPLICE-PI-E	90 mm	No
P000004429	JBM-PI-EP	90 mm	Sí
P000004428	JBS-PI-EP	90 mm	Sí

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 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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