

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.

KENMERKEN

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

SPECIFICATIES

For Ex-Zone Gas:	1, 2
Max Conductor Cross Section:	16 mm ²
For Ex-Zone Dust:	21, 22
Aansluiting type:	Cold Applied
Materiaal:	Glass Fiber Reinforced Polymer
Area Classification:	Non-Hazardous; Hazardous
IP-classificatie:	IP66
Knockouts Included:	Nee
Below Insulation:	Nee
Montage:	On Pipe
Cover Attachment:	Screwed
Halogeen vrij:	Ja
Ambient Temperature:	-55 tot 56 °C

Table 1/2

Catalogusnummer	Naam van het item	Inlet Quantity	Cable Entry	Connection Clamp Quantity	Hoogte	Breedte
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

Catalogusnummer	Naam van het item	Diepte	Earth Plate Included
P000004430	JB-SPLICE-PI-E	90 mm	Nee
P000004429	JBM-PI-EP	90 mm	Ja
P000004428	JBS-PI-EP	90 mm	Ja

WAARSCHUWING

Producten van nVent moeten worden geïnstalleerd en gebruikt op de manier zoals is aangegeven in de nVent productinformatiebladen en trainingsmaterialen. U kunt de productinformatiebladen downloaden van www.nvent.com of opvragen bij uw nVent-klantenservice. Door onjuist installeren, verkeerd gebruik, verkeerde toepassing of enige andere handeling in strijd met de instructies en waarschuwingen van nVent kan het product mogelijk niet correct werken, ernstig of fataal letsel en materiële schade veroorzaken en/of uw garantie ongeldig maken.

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