

Cast Junction Box for MI Cables

nVent RAYCHEM cast metal junction boxes for use with mineral insulated (MI) heating units in non-hazardous and hazardous Class I Div 1 and Div 2 areas. NPT threaded entries for direct connection of MI cold lead cable glands. Terminal strip included for conductor sizes up to 6 AWG. Typically used for power or splice connection of heating units.

FEATURES

Simple to install

Reliable during long life: 10 year product warranty available, maintenance free

Explosion proof, dust proof, wet location options available

Terminal strip with voltage ratings up to 600 V and current rating up to 65 A

Maximum 5 x 3/4" NPT tapered entries depending on model selected

3/4" NPT entries can be converted to 1/2" NPT with reducer bushings

Various mounting options are available

SPECIFICATIONS

NEMA Rating:	4X
Material:	Aluminium
Area Classification:	Non-Hazardous; Hazardous
Cover Attachment:	Screwed
Mounting:	Surface Mounted/Recessed Mounted
Cover Included:	Yes
Sealable:	Yes

Table 1/2

Catalog Number	Item Name	Max Voltage	Finish	Cable Entry Quantity	AWG Size	Height
PT-JB		600 V	Untreated	3	#18 - #6	95 mm
XMI-JB		600 V	Powder Coated	5	#18 - #6	114 mm
232377-000	RMI-JB3	500 V	Silver Powder Epoxy Paint	3	#18 - #6	133 mm

Table 2/2

Catalog Number	Item Name	Width	Depth
PT-JB		95 mm	127 mm
XMI-JB		114 mm	60 mm
232377-000	RMI-JB3	122 mm	81 mm

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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