

# Polymer Junction Box For PI Cables



nVent RAYCHEM JB-EX-XX are junction boxes with or without earth plate and external earth stud. Depending on the type, they are equipped with 10 mm<sup>2</sup> or 35 mm<sup>2</sup> terminals to allow loads up to 100 A to a power supply or other configurations such as Tees or Splices. Available in different sizes with a various number of M20 entries to accommodate multiple configurations and electrical loads.

## FEATURES

Simple and fast to install, easy to maintain

Hazardous areas approved

Available in different models and sizes for multiple configurations

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

## SPECIFICATIONS

<b>Area Classification:</b>	Non-Hazardous; Hazardous
<b>IP Rating:</b>	IP66
<b>Mounting:</b>	Wall/Support Bracket Mounted
<b>Ambient Temperature:</b>	-55 to 55 °C

Table 1/2

Catalog Number	Item Name	Max Voltage	Cable Entry	Max Conductor Cross Section	Height	Width
1244-006384	JB-EX-20-EP	590 V	1xM25 3xM20	10 mm <sup>2</sup>	120 mm	122 mm
1244-000579	JB-EX-21	550 V	1xM32 6xM20	10 mm <sup>2</sup>	160 mm	160 mm
1244-000590	JB-EX-20	590 V	1xM25 3xM20	10 mm <sup>2</sup>	120 mm	122 mm
1244-006653	JB-EX-21/35MM2	690 V	1xM40 6xM20	35 mm <sup>2</sup>	160 mm	260 mm

Table 2/2

Catalog Number	Item Name	Depth	Light Indication Included	Earth Plate Included
1244-006384	JB-EX-20-EP	90 mm	No	Yes
1244-000579	JB-EX-21	90 mm	No	No
1244-000590	JB-EX-20	90 mm	No	No
1244-006653	JB-EX-21/35MM2	90 mm	No	No

## 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](http://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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