



RAYCHEM

POLYMER JUNCTION BOX FOR MI CABLES

nVent RAYCHEM JB-EX-xx-EP are a range of polymer junction boxes with an integrated earth plate for use in hazardous areas with mineral insulated (MI) heating cables. They are designed considering space constraints to allow easy connections of MI heating units equipped with M25 glands to a power supply or other configurations such as tees or splices. Earthing is realized through the earth plate. Available in different sizes and amounts of entries to accommodate various configurations and electrical loads.

FEATURES & BENEFITS

Simple and fast to install, easy to maintain

Hazardous area approved

Advanced design ensures that various configurations with MI heating units are possible

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

SPECIFICATIONS

Max Voltage 550 V

Mounting Wall/Support Bracket Mounted

IP Rating IP66

Ambient Temperature -55 to 55 °C

Area Classification Non-Hazardous; Hazardous

Table 1/2

Catalog Number	Item Name	Cable Entry	Max Conductor Cross Section	Height	Width	Depth
1244-020505	JB-EX-40-EP	1xM25 3xM25	10 mm ²	160 mm	160 mm	90 mm
1244-020506	JB-EX-41-EP	1xM25 6xM25	10 mm ²	160 mm	160 mm	90 mm

Table 2/2

Catalog Number	Item Name	Light Indication Included	Earth Plate Included
1244-020505	JB-EX-40-EP	No	Yes
1244-020506	JB-EX-41-EP	No	Yes

Max Voltage 690 V

Mounting Wall/Support Bracket Mounted

IP Rating IP66

Ambient Temperature -55 to 55 °C

Area Classification Non-Hazardous; Hazardous

Table 1/2

Catalog Number	Item Name	Cable Entry	Max Conductor Cross Section	Height	Width	Depth
1244-020507	JB-EX-42-EP	1xM40 6xM25	35 mm ²	160 mm	260 mm	90 mm

Table 2/2

Catalog Number	Item Name	Light Indication Included	Earth Plate Included
1244-020507	JB-EX-42-EP	No	Yes

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