

FCS-9331

junction box

The FCS-9331 Process JB is suitable for Zone 2 and Zone 1 intrinsically safe (Ex i) and increased safety applications. The FCS-9331 is designed for mounting one 9331-TI Temperature Multiplexer. The FCS-9331 enclosure is manufactured from polished 316 stainless steel to provide the highest levels of corrosion resistance for the harshest process environments.

A wide choice of glands, including stainless steel, nickel-plated brass and plastic, enables a high quality seal with standard or wire armoured cables.

The box incorporates a rain channel that prevents standing water from damaging the one-piece seal; diverting it away from the contents when the door is opened. A 10mm earth stud and a breather are also included as standard.

An adhesive backed, Traffolyte tag label is supplied loose or can be engraved with the tag number and fitted, if details are supplied when ordering.

SPECIFICATIONS

GENERAL

Materials

Electrochemically polished 316 Stainless Steel
Chloroprene gasket

DIN rail

DIN rail to EN 50022 35 x 7.5 'T' section, mounted horizontally and fitted with two end stops

Breather plug

Provided

External earth connection

M10 threaded stud

Tag label

Traffolyte, adhesive backed - white background - black text

Other

Hinged lid

ENVIRONMENTAL

Operating Temperature

-45°C to +70°C - Steel & nickel-plated brass glands
-30°C to +70°C - Plastic glands

Storage Temperature

-45°C to +85°C



Relative Humidity % RH (non-condensing)

5 to 95%

IP rating

IP66 to EN 60529

Impact resistance

7 Nm to EN 50014

Location of Process JB

Safe area, Zone 2, IIC T4 hazardous area or Zone 1, IIC T4 hazardous area for intrinsically safe fieldbus segment.

Note: If used in a hazardous area, the contents must be suitably certified/approved.



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ENCLOSURE DIMENSIONS

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