

"JBQAI": EQUALISED JUNCTION BOX FOR ATEX ENVIRONMENTS



JB4QAI: ATEX junction and equalisation box.



JB4QAI: ATEX markings.

Stainless steel junction box with IP66 protection from water and dust, and fitted with an intrinsically safe electronic board for junction and equalisation of load cells. Terminal boards with screws for easing the connection of the load cells and signal adjustment trimmer, for an accurate and reliable equalisation.

ATEX marking:

II 2G Ex ib IIC T6 for gases.

II 2D Ex tD A21 IP65 T115°C for dust.

TECHNICAL FEATURES

- Designed and made according to the ATEX 94/9/CE directive, group II category 2GD, according to the EN60079-0, EN60079-11, EN61241-0, and EN61241-1 norms.
- Stainless steel case.
- Protection degree: IP66.
- Dimensions: 190x130x45mm (lxwxh).

ATEX PARAMETERS OF THE JUNCTION BOX

- $U_o = U_i = 24V_{dc}$
- $I_o = I_i = 174mA$
- $C_o = C_i = 0mF$
- $L_o = L_i = 0mH$

or

- $U_o = U_i = 12V_{dc}$
- $I_o = I_i = 3,33A$
- $C_o = C_i = 0mF$
- $L_o = L_i = 0mH$

Available versions:

| Code | Description |
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| JB2QAI | Junction and equalisation box with 2 inputs, for ATEX environments, in IP66 stainless steel. Protection degree: II 2G EEx ib IIC T6 for gases. II 2D Ex tD A21 IP65 T115°C for dust. |
| JB3QAI | Junction and equalisation box with 3 inputs, for ATEX environments, in IP66 stainless steel. Protection degree: II 2G EEx ib IIC T6 for gases. II 2D Ex tD A21 IP65 T115°C for dust. |
| JB4QAI | Junction and equalisation box with 4 inputs, for ATEX environments, in IP66 stainless steel. Protection degree: II 2G EEx ib IIC T6 for gases. II 2D Ex tD A21 IP65 T115°C for dust. |