

JUNCTION BOXES MXBJ



Junction boxes MXBJ are designed for making easier electrical connections in hazardous areas. They provide increased safety and intrinsic safety, allowing them to be used in zones 1 & 2 (gas), 21 & 22 (dust). This comprehensive range is also ideal for wet environments – such as food and beverage or chemical industries – thanks to their corrosion resistance. The terminals Ex e from 1,5 mm² to 240 mm² can be mounted on these boxes.

MARKING

II 2 G Ex eb IIC T(1) Gb increased safety
II 2 G Ex ia IIC T(1) Gb or
II 2 G Ex ib IIC T(1) Gb intrinsic safety
II 2 G Ex eb ib or ia IIC T(1) Gb increased safety and intrinsic safety
II 2 D Ex tb IIIC T(1) Db in dust.

(1) Depending on ambient temperature and terminals used

TECHNICAL FEATURES

Material Enclosure

Stainless steel AISI316L
GRP casing
Copper free aluminium

IP rating

IP66

Ambient temperature range

-25°C to +60°C
[Other ambient temperature upon request]

Approvals

IECEX N° IECEX LCI 11.0026X
ATEX N° LCIE 11 ATEX 3028X
EAC: RU C-FR.AA87.B.01480-25

Standards

International and European IEC/ EN standards
62262, 60079-0, 60079-7, 60079-11 and 60079-31

Optional accessories

Earth stud
Earth bar
Shield bar
Junction bar
Hinges
Mounting
Purge or breather
Earthing plate
Metal gland with or without earth ring