

EUROSWITCH MICRO JUNCTION BOX

INSTALLATION INSTRUCTIONS

Longvale Ltd, Lancaster Park, Needwood, Burton-upon-Trent, Staffs, DE13 9PD, U.K.

Certified models : JB-*32-A-(X/Y or XY) * = 1 for M20 entries
JB-*32-B-(X/Y or XY) * = 2 for ½"NPT entries
JB-*32-C-(X/Y or XY) * = 3 for ¾"NPT entries

II 2 G Exd IIC T* Gb
II 2 D Extb IIIC T** Db IP67



* T4 = Ta -60°C to +120°C T** = 135°C
* T5 = Ta -60°C to + 85°C T** = 100°C
* T6 = Ta -20°C to + 60°C T** = 85°C

Baseefa 14ATEX0120X
IECEX BAS 14.0059X

This enclosure has been designed as an electrical enclosure for installation within an explosive atmosphere and complies with the following standards:
IEC 60079-0 : 2011, IEC 60079-1 : 2007, and IEC 60079-31 : 2013

SPECIAL CONDITIONS FOR SAFE USE

When used in a dust atmosphere the cable gland arrangement shall maintain the IP67 rating of the enclosure.

The enclosure is provided with an internal and an external earth connection. It is recommended that when connecting to the external earth stud the cable lug must be fitted underneath the tab washer to prevent the cable from rotating when being tightened.

FOR MODELS ASSEMBLED TO EUROSWITCH

1. Where a mounting bracket is provided the enclosure should be securely fastened down.
2. Unused cable entries must be closed with a suitable flameproof blanking device.
3. Electrical rating - reference must be made to the switch terminated within this enclosure to determine maximum voltage and current.
4. The lid of the enclosure must be fully tightened down to maintain both IP rating and explosion protection, the allen screw must be further tightened to prevent the lid from being un-screwed.
5. Maximum ambient temperatures - reference must be made to the switch terminated within this enclosure.

FOR STAND ALONE MODELS

1. Enclosure should be securely fastened down using the fitted mounting bracket.
2. As per 2 above.
3. The enclosure is supplied with standard terminals suitable for maximum conductor size 2.5mm², rated at a maximum 5A and 250VAC.
4. As per 4 above.
5. Maximum ambient temperature 140°C