

Euromold Triangular Terminal Box

ATEX certified Ex e // Ex nA

Technical Specifications

Max. Rating:

1250A, 15kV (uncertified) // 11kV (certified)

Fault Tested:

43.8kA for 0.25 secs (terminal box)

>50kA for 1.0 sec (Euromold connectors)

Certificate Numbers:

Ex e: 03ATEX3224U

Ex nA: 03ATEX4225U

General Specifications

- IP67 rated for outdoor applications.
- 5mm blank steel gland plate.

Optional Extras:

- Supply cables up to 2 in parallel.
- External pressure relief.
- Equipment cables – 2 in parallel.
- Partial discharge monitoring coils.
- Stand-off duct from equipment.
- Sealing plate from equipment
(for equipment less than IP54).
- Breather drains to IP66 (not certified).
- Non standard gland plate material/thickness.
- Glands (full cable information required).

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Technical Data

The Euromold box is fabricated from steel plate. The terminals are of a stud type, mounted in an epoxy resin base and connected internally to the stator winding cables. Supply cables are terminated using Euromold connection elbows. These are normally provided by the cable contractor, but can be provided with the terminal box if full and comprehensive dimensional details of the cable are available.

Mechanical and weatherproof protection is provided by a fabricated steel enclosure provided with a removable gland plate.

The enclosure can also be fitted with a pressure relief diaphragm of tinned copper foil, held by a clamping frame in the back of the terminal box. In the event of a fault developing between phase and earth, the rapid expansion of gases within the terminal box will fracture the pressure relief diaphragm and direct the path of flame or hot gas outside the equipment carcass from behind the terminal box. A mesh guard is fitted to protect the relief diaphragm from mechanical damage. The diaphragm should be replaced before the motor is re-commissioned.

Dimensions

