



EX-C01



EX-C02

POPULATED FLAMEPROOF CONTROL ENCLOSURES

EVE's EX-C01 series ATEX certified and UL844 certified enclosure.

FLAMEPROOF HIGH VOLTAGE ENCLOSURES

EVE'S EX-C02 series flameproof high voltage junction boxes are available in 26 sizes up to 8kV and 1000 amps. Utilizing EVE's ATEX certified flameproof enclosures, the high voltage enclosures include a set of three porcelain insulators for high voltage applications.

STANDARD FEATURES

- Complete engineering and specific cation review
- ATEX inspection and hydro test for gas group IIB+H2
- Type 4 watertight gasket
- Assembly layout review
- Component assembly and wiring services
- High strength metric steel cover bolts (zinc plated)
- Pre-drilled hinge kit holes (hinge optional)
- Pre-drilled mounting panel holes (mounting panel optional)
- Internal / external ground screws
- Cast-on mounting lugs
- Tumbleblast, natural aluminum finish

STANDARD FEATURES

- 16 (one in/one out) and 10 (two in/two out) sizes available
- Set of three porcelain insulators
- Steel mounting panel assembly
- Type 4 watertight gasket
- High strength metric steel cover bolts (zinc plated)
- Pre-drilled hinge kit holes (hinge optional)
- Pre-drilled mounting panel holes (mounting panel optional)
- Internal / external ground screws
- Cast-on mounting lugs
- Tumbleblast, natural aluminum finish

DESIGN OPTIONS

- Stainless steel metric cover bolts
- Aluminum hinge kits with stainless steel hardware
- Mounting panels – Galvanized steel, aluminum, or phenolic
- Operators and auxiliary devices
- Window assemblies (round or square / rectangular)
- Custom machining – Milling, counter-boring, spot facing, logos, painting/coating

DESIGN OPTIONS

- Stainless steel metric cover bolts
- Aluminum hinge kits with stainless steel hardware
- Custom machining – Milling, counter-boring, spot facing, logos, paint/coating

CERTIFICATIONS

- Class I, Division 1, Groups B,C,D
- Class II, Division 1, Groups E,F,G
- Class III
- Type 4, 4X, 7, 9
- Epsilon 07 ATEX 2196
- Exd IIB+H2 T6(T5: Ta≤+60C)

CERTIFICATIONS

- Class I, Division 1, Group BCD
- Class II, Division 1, Group EFG
- Class III
- Type 4, 4X, 7, 9
- DEMKO 01 ATEX 0128064
- Exd IIB: T6 or T5: -20°C ≤Ta≤+55°C
- Ex tD A21 IP66 T100°C
- IECEx UL 09.0031X
- Exd IIB: T6 or T5: -20°C ≤Ta≤+55°C
- Ex tD A21 IP66 T100°C



EX-C03

INTERNAL FLANGE FLAMEPROOF ENCLOSURES

STANDARD FEATURES

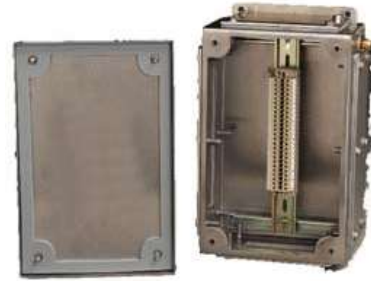
- 22 standard sizes
- Pre-drilled to accept mounting panel (mounting panel optional)
- High strength metric steel cover bolts (zinc plated)
- Internal / external ground screws
- Cast-on mounting lugs
- Tumbleblast, natural aluminum finish

DESIGN OPTIONS

- Stainless steel metric cover bolts
- Installation of terminal blocks or cover operators
- Custom machining – Milling, counter-boring, spot facing, logos, paint/coatings

CERTIFICATIONS

- Class I, Division 1, Groups C,D
- Class II, Division 1, Groups E,F,G
- Class III
- Type 7, 9
- DEMKO 09 ATEX 0816570X (populated)
- Exd IIB T6 or T5: $-20^{\circ}\text{C} \leq T_{\text{amb}} \leq +55^{\circ}\text{C}$
- IECEx UL 08.0023X (populated)
- Ex IIB T6 or T5: $-20^{\circ}\text{C} \leq T_{\text{amb}} \leq +55^{\circ}\text{C}$
- IP40
- Class I, Zone 1, Ex IIB



EX-C04

FLAMEPROOF HIGH VOLTAGE ENCLOSURES

STANDARD FEATURES

- 18 Standard sizes available
- Stainless steel captive hex head, slotted cover screws
- Type 4 watertight, silicone gasket
- Internal rail mount system (except 050503)
- Internal / external ground screws
- Wall mounting flange with .31" clearance holes

DESIGN OPTIONS

- Custom sizes available to meet most specifications
- Gland plates on ABCD sides (top, bottom, left, or right) on 6" depths or greater
- Hinged Cover
- Mounting panels
- Drilled entries or cut outs
- Terminal assembly population
- Lamacoid or stainless steel nameplates
- Window assemblies (square / rectangular)

CERTIFICATIONS

- Class I, Division 2, Groups B,C,D
- Class II, Division 2, Groups E,F,G
- Class III
- Type 4X, 12, 13
- DEMKO 01 ATEX 130438X
- Exe II T6 (T5 : $T_{\text{amb}} \leq +55^{\circ}\text{C}$) (T4: $T_{\text{amb}} \leq +70^{\circ}\text{C}$)
- Ex tD A21 IP66 T200°C
- IECEx UL 09.0016X
- Exe II T6 (T5: $T_{\text{amb}} \leq +55^{\circ}\text{C}$) (T4: $T_{\text{amb}} \leq +70^{\circ}\text{C}$)
- Ex tD A21 IP66 T200°C
- GOST-R
- Class I, Zone 1 Exe II T6 (T5: $T_{\text{amb}} \leq +55^{\circ}\text{C}$) (T4: $T_{\text{amb}} \leq +70^{\circ}\text{C}$)
- Class I, Zone 1 Exd IIB