



Ex 'd' Flameproof Control Panels

Utilizing our ATEX and IECEx enclosure certification, Adalet can fully populate empty ATEX/IECEx certified enclosures and provide CE certification to any and all applicable CE marking directives. This control panel certification allows Adalet to eliminate the requirement to re-submit enclosure assemblies to third party testing laboratories for final equipment certification saving customers considerable amounts of time and money.

- ◆ Fully populated and wired assemblies with ATEX and/or IECEx Equipment Certification
- ◆ IECEx assemblies are fully tested prior to shipping
- ◆ Complete Adalet Engineering review, design, and consultation services available
- ◆ All assemblies certified to the most up-to-date EN standards



Ex 'e' Increased Safety Control Panels

In addition to our increased safety rated terminal enclosures, Adalet can fully populate our enclosures and provide an ATEX/IECEx Equipment Certified final assembly control panel. This certification allows Adalet to eliminate the requirement to re-submit enclosure assemblies to third party testing laboratories for final equipment certification saving customers considerable amounts of time and money.

- ◆ Fully populated and wired assemblies with ATEX and IECEx Equipment Certification
- ◆ IECEx assemblies are fully tested prior to shipping
- ◆ Complete Adalet Engineering review, design, and consultation services available
- ◆ All assemblies certified to the most up-to-date EN standards



Explosionproof UL / cUL LISTED NNNY Control Panels

Along with ATEX and IECEx control panel certification, Adalet can also fully populate our North American UL rated enclosures and provide UL or cUL LISTED final assembly control panel. This certification allows Adalet to eliminate the requirement to re-submit enclosure assemblies to third party testing laboratories for final equipment certification saving customers considerable amounts of time and money.

- ◆ Fully populated and wired assemblies with UL or cUL (Canada) assembly certification
- ◆ All components installed must carry a UL or cUL rating
- ◆ Complete Adalet Engineering review, design, and consultation services available
- ◆ All assemblies certified to the most up-to-date standards



ADALET

a Scott Fetzer company

HazLo™ Products

Adalet, a Scott Fetzer Company, is a leading manufacturer of hazardous location and general location enclosure systems and cable accessories. We have offered custom modification as well as standard products for more than 90 years. The company holds certification under ISO-9001 International Standards for Quality Management. Adalet markets a broad line of industrial and explosionproof enclosure systems ranging from junction boxes, control stations, instrument and meter housings, increased safety terminal enclosures, panelboards and motor starters to mining couplers, pilot devices, cable fittings and other accessories.



Visit us at www.adalet.com/hazlo for product details, certification, drawings, and general information regarding the Adalet HazLo™ brand of products

Adalet

4801 West 150th Street
Cleveland, OH 44135
Phone: 216-267-9000

Adalet Houston

4300 Windfern, Suite 200
Houston, TX 77041
Phone: 713-966-7331

ADALET

a Scott Fetzer company

HazLo™ Products

Certified products and solutions for use in hazardous locations.





Explosionproof Control Enclosures (Cast Aluminum)

Adalet explosionproof control enclosures and junction boxes are designed to house arcing / sparking devices in Division 1 rated areas. Rated NEMA 4/7/9 for UL and cUL Classified hazardous areas, the XCE enclosure series is constructed from cast aluminum and is available in sizes ranging from 06" x 08" x 04" to 32" x 36" x 12".

- ◆ 64 standard sizes available
- ◆ One-piece NEMA 4 watertight gasket
- ◆ Premium, high strength steel cover bolts. Stainless steel bolts available for NEMA 4X applications
- ◆ Cast-on mounting lugs
- ◆ Pre-drilled for hinge kit and internal back panel
- ◆ Modifications such as drilled & tapped entries, custom machining, and window kits are available
- ◆ Additional certifications available – ATEX, IECEx, Customs Union, KOSHA, etc.



Explosionproof Control Enclosures (Cast Stainless Steel 316L)

Some hazardous location applications require extra corrosion resistance. Stainless steel enclosures provide an alternative to traditional cast aluminum when extra corrosion resistance is required. The XCESX explosionproof enclosure series is UL / cUL Classified and is constructed from 316L cast stainless steel and is available in sizes ranging from 08" x 10" x 06" to 24" x 36" x 10".

- ◆ 8 standard sizes available
- ◆ One-piece NEMA 4 watertight gasket
- ◆ Stainless steel cover bolts for NEMA 4X applications
- ◆ Cast-on mounting lugs
- ◆ Pre-drilled for hinge kit and internal back panel
- ◆ Modifications such as drilled & tapped entries, custom machining, and window kits are available
- ◆ Additional certifications available – ATEX, IECEx, Customs Union, KOSHA, etc.



Ex 'e' Increased Safety Enclosures

Increased safety enclosures provide an alternative to flameproof enclosures and are intended to house equipment in which arcs and sparks do not occur under normal operating conditions. Adalet increased safety enclosures are constructed from 304 & 316L stainless steel and are available in a wide range of sizes.

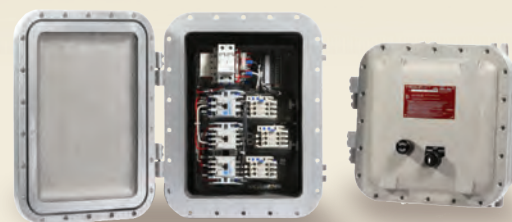
- ◆ Quarter turn latch, clamped cover, and screw cover designs available
- ◆ High-temperature, one-piece silicone gasket for NEMA 4X and IP66 ratings
- ◆ Stainless steel hardware
- ◆ Welded on mounting lugs / tabs
- ◆ Modifications such as gland plates, operating devices, drilled entries, custom machining, and window kits is available upon request
- ◆ ATEX, IECEx, UL, and cUL certifications available



Hazardous Location Operating Devices

Adalet offers a full complement of through the door operating devices for Division 1 and Division 2 hazardous location applications. For use with our cast aluminum and cast stainless steel Division 1 enclosures and our Division 2 rated increased safety control enclosures, the operating devices carry the same approvals as the enclosures in which they are installed.

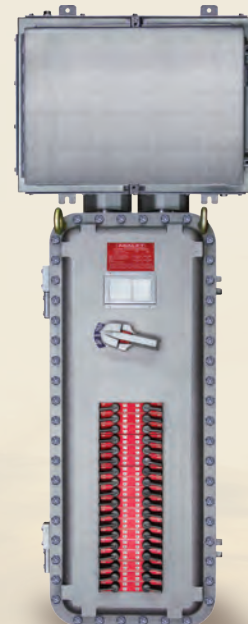
- ◆ Flush head pushbuttons available in black, green, and red colors. Dual pushbutton available.
- ◆ Emergency stop pushbutton with mushroom head available as push-pull or twist-to-release
- ◆ Indicator lights available as amber, blue, green, red, and white with incandescent or LED bulbs
- ◆ Selector switches available as 2 position or 3 position, maintained or spring return, and knob or keyed
- ◆ Mini devices available when enclosure cover space is at a premium



Explosionproof Motor Control

Adalet provides populated motor control assemblies as standard products or custom assemblies per customer specifications. Full engineering services are available as well as complete integration with assembly and wiring.

- ◆ Non-reversing and reversing motor starters and combination motor starters
- ◆ Circuit breakers and disconnects available from 15A through 800A
- ◆ UL/cUL Classified
- ◆ Standard configurations include operating devices and drilled & tapped entries
- ◆ Utilizes standard Adalet XCE series explosionproof enclosures with standard features



Lighting and Power Distribution Panelboards

Adalet offers a full line of explosionproof (Division 1) and factory sealed (Division 2) panelboards for lighting and power distribution applications. Panelboards available in main breaker or main lug only configurations from 12 circuit through 42 circuit.

- ◆ 120/240 / 120/208 / 277/480 and 600V versions available
- ◆ Explosionproof panelboards include standard drilled & tapped NPT entries
- ◆ All breaker handles are padlockable
- ◆ Factory sealed panelboards include stainless steel terminal enclosure with terminal block assembly
- ◆ Copper bus, isolated neutral, and ground bar are standard features



Explosionproof Instrument Housings

Adalet offers the largest line of explosionproof instrument housings in the industry. The most sizes, most options, and extensive approvals allow for the best fit at the best price for OEM instrument applications. Adalet engineering support allows for customization & one-stop-shopping to meet OEM specifications.

- ◆ Glass and solid covers available
- ◆ Large range of varying internal diameters and depths for custom fit applications
- ◆ Optional colors and cast-on logos provide a personalized OEM product with unique appearance
- ◆ Flexible drilling options for internal tapped holes and front boss entries
- ◆ Extensive approvals including ATEX, IECEx, UL, cUL, FM
- ◆ Aluminum and stainless steel options



Explosionproof Meter Housings

For use as junction boxes or meter housings in Division 1 hazardous applications, the Adalet XJ screw cover enclosures offer a wide range of sizes and options to meet a wide range of specifications.

- ◆ Large offering – Over 40 models from which to choose
- ◆ Glass covers options available for viewing instruments or meters
- ◆ Domed covers provide extra depth for deeper instruments
- ◆ All screw covers include a watertight gasket, for NEMA 4 applications
- ◆ Extensive approvals including ATEX, IECEx, UL, cUL, FM



Hazardous Location Fittings and Cable Accessories

Adalet offers the necessary cable fittings for use in conjunction with our hazardous location enclosures. The Adalet explosionproof fittings match the approvals of the enclosures and provide a complete one-stop-shop for the complete assembly.

- ◆ Explosionproof sealing fittings, conduit junction boxes, unions, flexible couplings
- ◆ Breather/drain, close up plugs, flame arrestors
- ◆ Cable glands constructed from stainless steel or nickel plated brass
- ◆ Conduit fittings range from 1/2" NPT to 4" NPT with metric sizes available

