

# K-CABS

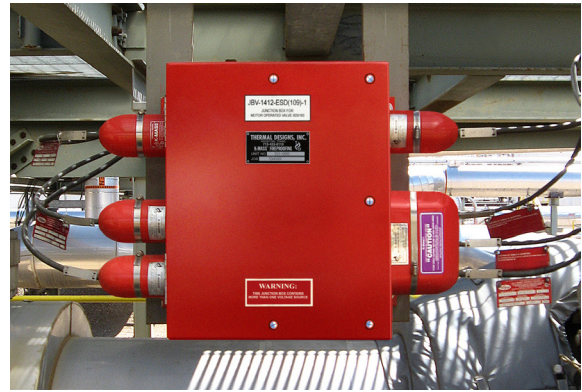
Factory Installed, Directly Bonded K-MASS<sup>®</sup> Cabinets



K-CABS are custom designed and fabricated **K-MASS** coated EN 1.4301 (304) grade stainless steel, instrument and electrical component cabinets. K-CABS are tested to provide a minimum of 30 minutes of protection in a 1093° C/ 2000° F hydrocarbon fire. (UL1709 fire test curve as per API 2218)

## K-CAB and Junction Box Advantages

K-CABS and Junction Boxes are stainless-steel enclosures directly bonded with **K-MASS** intumescent epoxy and are used to protect sensitive controls for CPCE where signal and power are required for the safe shutdown of a process.



K-CAB and Junction Box designs are extremely versatile and functional solutions. Our engineers work with your engineering team to provide custom designed, project specific enclosures.

## Features, Options and Benefits

- Meets UL 1709 fire test curve for min 30 minutes
- Available in any size or configuration to suit your project needs
- Standard wall, stanchion and equipment mounting configurations
- Available in six standard sizes for quicker configuration and delivery
- EN 1.4301/ (304) grade stainless steel fully welded construction and hardware
- Reinforced, stiffened panel construction
- Electrical or pneumatic connections can be made using welded couplings, conduit hub type fittings, or pneumatic fittings
- Hinged or latched cover
- Designed to NEMA-4X requirements
- Intumescent glass available
- Passivated welds prevent long term corrosion
- Installation of hydraulic, pneumatic or electrical components available
- Extended push buttons allows instant access to controls without opening
- Available as an ATEX approved version



**Thermal Designs, Inc. - United States**  
5352 Prudence Street  
Houston, Texas 77045 USA  
Phone: +1 713-433-8110  
ussales@tdikmass.com

**Thermal Designs LTD UK - United Kingdom**  
The Broadway Market Lavington Devizes  
Wiltshire, England UK SN10 5RQ  
Phone: +44 (0) 1380 816079  
uksales@tdikmass.com

**Thermal Designs, Inc. - Canada**  
Unit 1, 5220 Duncan Ave  
Blackfalds, Alberta T0M 0J0  
Phone: +1 403-391-1578  
casales@tdikmass.com