



# JUNCTION BOXES

## TridentEx series



### OVERVIEW

The ASHE tridentEx series Junction Boxes are a range of weatherproof and flameproof enclosures for industrial and hazardous area installations. The precision die-cast enclosures are designed in a highly rugged execution, to provide maximum safety and security of the enclosed terminations in dangerous ambient conditions. They are suitable for use in severe field conditions, having tough corrosion-resistant exteriors.

The enclosures are manufactured with high grade Aluminum Alloy LM6 material, with excellent degree of quality in machining, painting and electro-polishing. The Ex-d enclosures are suitable for use in Zone 1 areas for Gas Groups IIA and IIB ambiances. Other features include excellent ingress protection, lid-retaining screws, hinged covers, finned surface for added strength, multiple cable entries, Stainless steel fasteners, external and internal Grounding studs, Neoprene gaskets, etc. The enclosures are certified by reputed directorates like CIMFR Dhanbad and CCOE Nagpur in India.

Options of several dimensions are offered with provisions for various Terminal types, Rail-mounted equipment and Cable entries. The Junction Boxes can be used in harsh ambient temperatures from -40 to +80 degrees Centigrade (-40 to +176 degrees Fahrenheit).

All ASHE range of instruments carry a lifetime warranty for design and workmanship.

### FEATURES

- Tough and Rugged finned design.
- Aluminum Alloy LM6 construction
- Precision Die-cast enclosures
- Excellent Machining and surface finish
- Electro-polished exterior
- Corrosion-resistant surface
- For use in harsh ambient conditions
- Hinged covers for added strength
- Several Cable Gland entry options
- Provision of external and internal Earthing facility
- Certified for Zone 1, Gas groups IIA/IIB.
- Neoprene Gaskets
- Certified IP65 Ingress protection
- Industrial grade enclosure for hazardous areas
- Proven record of installations
- Lifetime warranty on design and workmanship

### SPECIFICATIONS

<b>Model</b>	tridentExATJ-6 tridentExATJ-7 tridentExATJ-11
<b>Type</b>	Explosion-proof Junction Box for Hazardous area installation.
<b>Material of construction</b>	Precision die-cast Aluminum Alloy LM6.
<b>Surface finish</b>	Corrosion resistant electro-polishing.
<b>Color</b>	Buff Silver.
<b>Ingress Protection</b>	IP65 certified.
<b>Area conditions</b>	Class I, Div I, Zone 1 Gas Groups IIA/IIB
<b>Ambient Temperature</b>	-40 to +80 degrees Centigrade.
<b>Exterior Design</b>	Rugged industrial grade finned surface for added strength
<b>Cable Gland entries</b>	Several options available
<b>Terminals</b>	Several options available.
<b>Special Features</b>	Hinged covers, Stainless Steel fasteners, corrosion-resistant Electro-polished surface, external and internal Grounding studs, lid retaining screws, etc.
<b>Enclosure</b>	Field mounting.
<b>Dimensions</b>	Several options available.
<b>Weight</b>	Approximately 2 kgs.