



FLAMEPROOF ENCLOSURES (Ex d)

Enclosures V1.0



SMALL

5060 series



MEDIUM

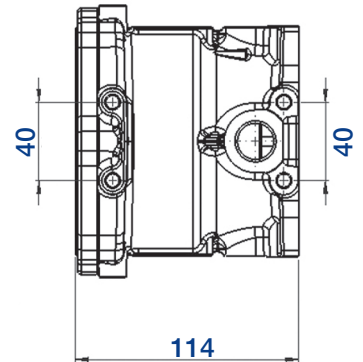
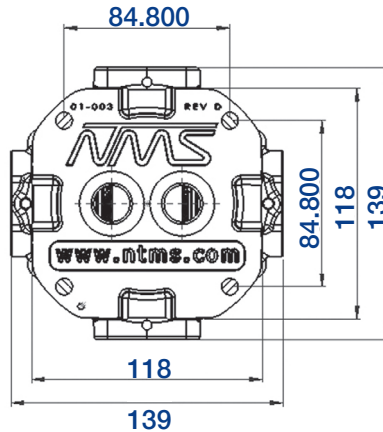
1185 series



LARGE

5230 series

Nautitech's family of flameproof enclosures are designed in-house to withstand the most brutal mining and hazardous area conditions.



KEY FEATURES

- Ex d certified
- Solid stainless steel construction, suited to harsh and hazardous areas
- Various cover options to fit different applications
- Australian designed, certified and assembled
- IP66 (Ingress Protection rating)

ATTRIBUTES

- Wide -20 to +60°C ambient temperature rating
- Dual stainless steel dowels for ease of assembly
- Multiple gland entries for flexible installation options
- Flexible internal componentry mounting options
- Rear and side (all 4 sides) mounting options to plates or brackets

DIMENSIONS

366 x 200 x 155 mm

APPLICATIONS

- Lights
- Junction box
- Camera
- Terminals
- Control and signalling equipment and instruments
- LCD displays
- Methane display



CERTIFICATIONS

- IECEX ITA 12.0007X
- FM13ATEX0088X
- MASC MS/14-0066X

VARIOUS COVER OPTIONS



Front Mount Window

Suitable for instruments mounted in housing - larger view area



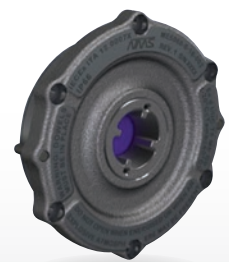
Rear Mount Window

Suitable to mount instruments onto cover



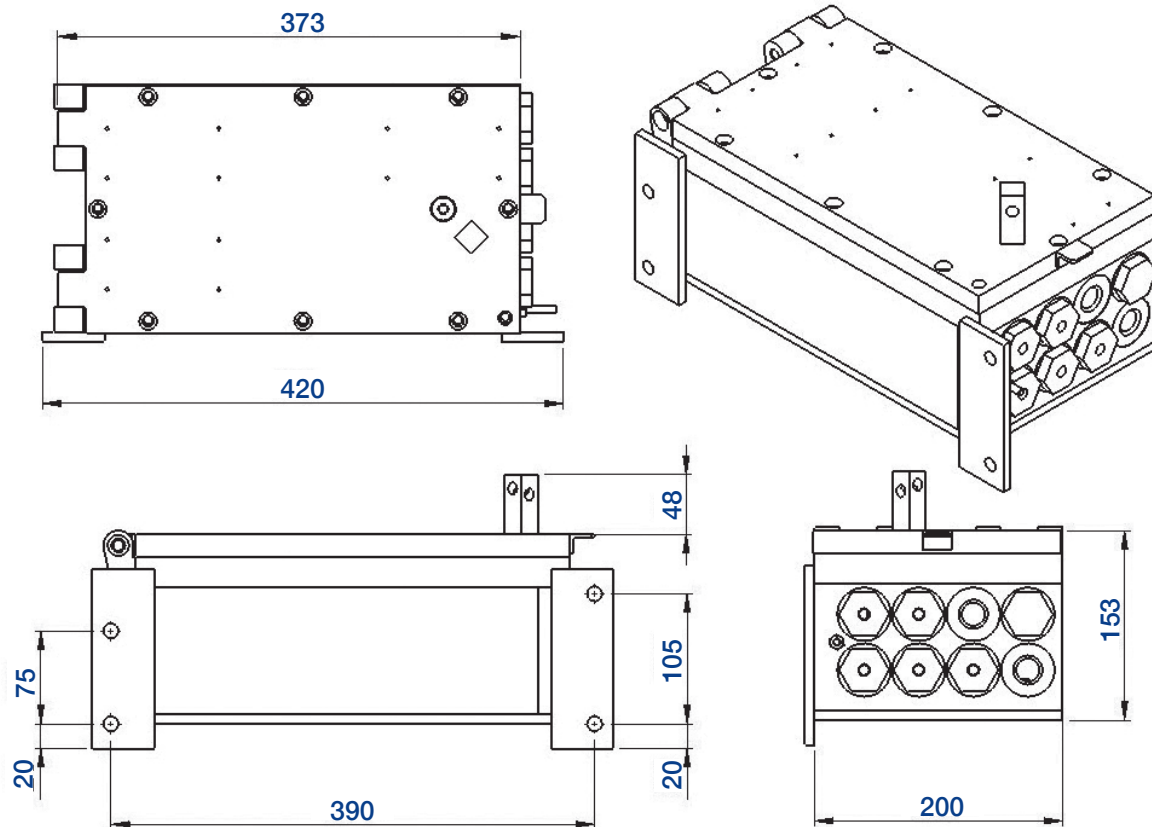
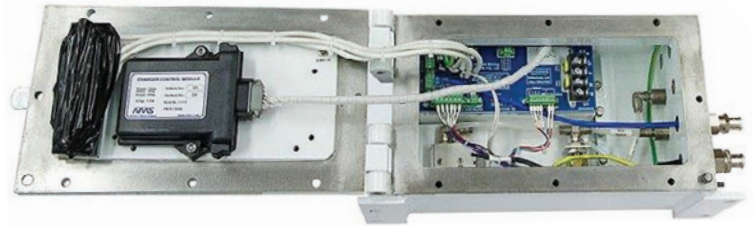
Junction Box Cover

Up to 8 entry points available with housing



Thermal Camera Cover

Model shown provides horizontal viewing angle of up to 60°



KEY FEATURES

- Mild steel construction suited to harsh and hazardous areas
- IP55 (Ingress Protection rating)

ATTRIBUTES

- Wide 20 to +60°C ambient temperature rating
- 8 gland entries for flexible installation options
- Isolation switch included
- Flexible internal componentry mounting options
- Cover maybe fixed on any of the two sides of the enclosure

APPLICATIONS

- For low power electrical/electronic equipment
- As an engine management enclosure
- A decoupler enclosure or junction box
- May house components like circuit breakers, contactors, engine modules, power management units and control equipment

CERTIFICATIONS

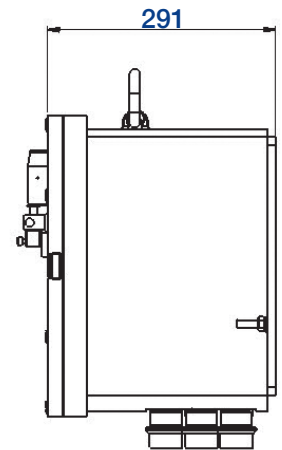
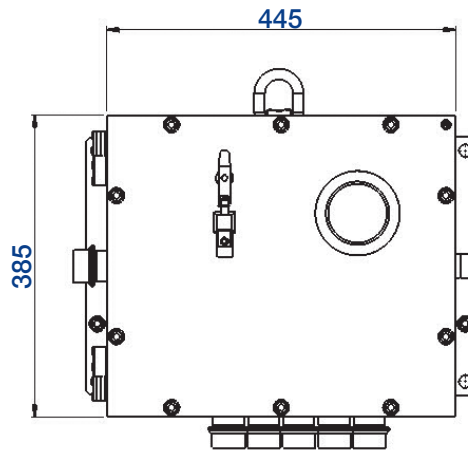
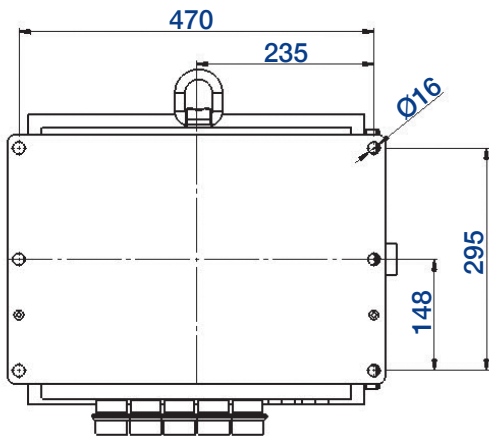
- ANZEx 10.4091X

DIMENSIONS

366 x 200 x 155 mm

LARGE

FLAMEPROOF ENCLOSURE (Ex d)



KEY FEATURES

- Mild steel construction suited to harsh and hazardous areas
- IP66 (Ingress Protection rating)

ATTRIBUTES

- Wide -20 to +60°C ambient temperature rating
- Multiple gland entries for flexible installation options
- Plugs available to plug gland entries where required
- Flexible internal componentry mounting options

APPLICATIONS

- As an engine management enclosure
- A de-coupler enclosure or junction box
- May house components like circuit breakers, contactors, engine modules, power management units and control equipment

CERTIFICATIONS

- IECEx KDB15.0006U

DIMENSIONS

500 x 321 x 385 mm

Unit 3, 9 Packard Ave
Castle Hill, NSW
AUSTRALIA 2154

T +61 2 9899 6857
F +61 2 8456 6004

Nautitech is wholly Australian, our technology is designed and manufactured in house:

- The first widely adopted methane shutdown system.
- The first broad band power line modem to take real time data from the face.
- The first electronic diesel engine packages for hazardous areas.
- The first infrared camera for use in hazardous areas.

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