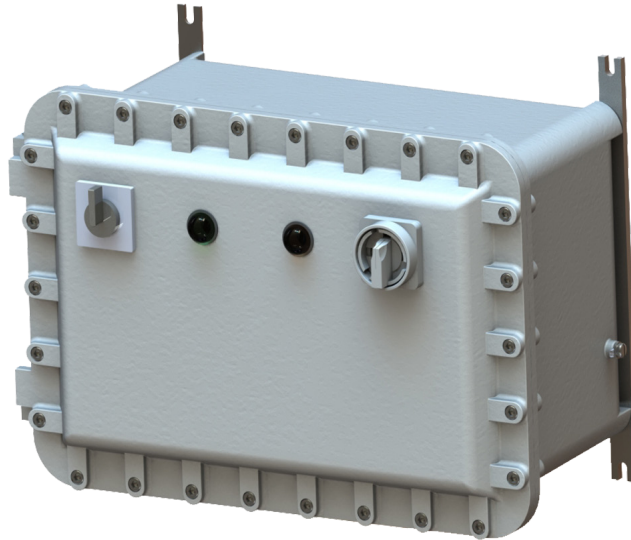


# Multipurpose Junction Box

## ( Power & Control Panel ) - HJB01



**HJB01**

### FEATURES

- » ATEX, IECEX and PESO certified
- » Cost-effective
- » Horizontal installation / mounting
- » PDB with multiple entries

### DESCRIPTION

The ASPL - ATEX certified flameproof enclosure are constructed according to protection type Ex-d, flameproof standard, standard components such as switches, contactors, motor protection circuit breakers and relays are mounted in an explosion proof enclosure constructed in such a way as to keep internal explosions from igniting the surrounding atmosphere.

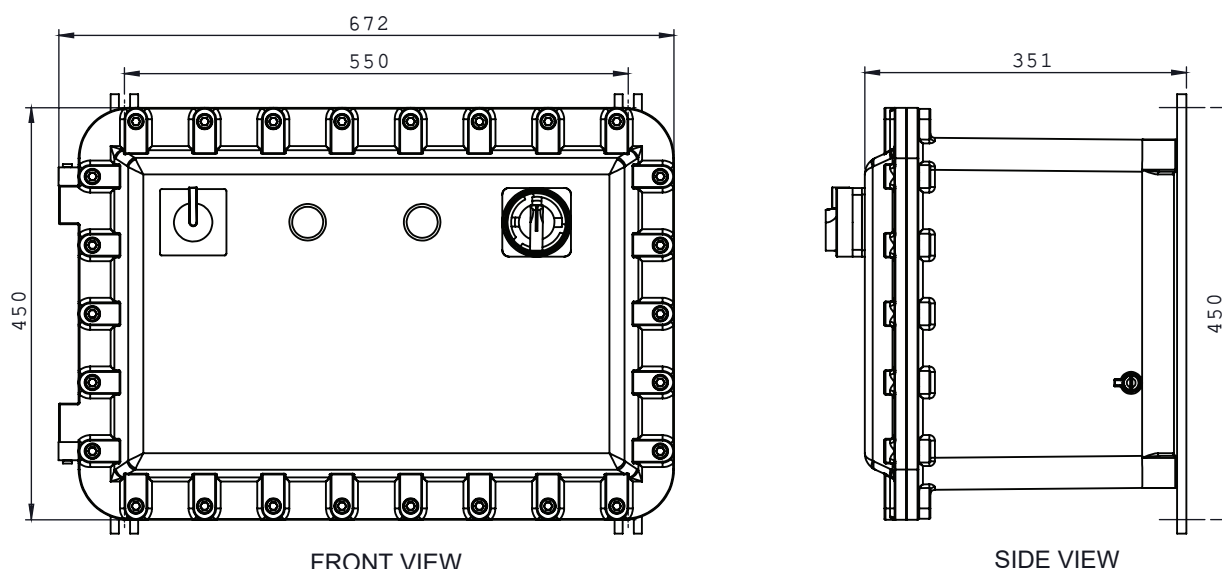
Ex-d enclosure are usually custom - built in close cooperation with the customer himself for his special application. Flame proof enclosure is available either with direct cable - entries through Ex-d certified cable glands or Ex-d certified blind plugs.

### APPLICATIONS

**HJB flameproof enclosure are used in threaded rigid conduit systems in hazardous areas**

- » As a Junction or PDB box
- » For housing all types of electrical and electronics components like terminal blocks, relays, contactors, MPCB, PLC ( Excluding Batteries and Ventilating fans )
- » Indoors and outdoors in damp, wet, dusty, corrosive and hazardous locations
- » In areas which are hazardous due to the presence of hydrogen or gases and vapours of equivalent hazard such as found in process industries, Refineries and gas manufacturing plants.
- » Zone 1 and 2, Zone 21 and 22
- » Gas group II A, II B and IIB + H2
- » Temperature class T6

## DIMENSION DETAILS



All Dimension are in MM

## TECHNICAL SPECIFICATIONS

|                    |                                                 |
|--------------------|-------------------------------------------------|
| Material           | Aluminium alloy LM6 / SS 304 / SS 316 / SS 316L |
| Finish             | RAL 7035 Powder coated for LM6 / Natural for SS |
| Normal Voltage     | Up to 600 V AC / DC                             |
| Rated current      | 100 A                                           |
| Protection Class   | IP 65                                           |
| Internal Dimension | 340 (H) x 535 (W) x 265 (D)                     |

## EXPLOSION PROTECTION

|               |                                                                                               |
|---------------|-----------------------------------------------------------------------------------------------|
| Marking ATEX  | Ex II 2 G D Ex db IIB + H2 T6 Gb -20°C ≤ Ta ≤ +60°C<br>Ex tb IIIB T85°C Db -20°C ≤ Ta ≤ +60°C |
| Certification | ITS15 ATEX 18313X                                                                             |
| Marking IECEx | Ex db IIB + H2 Gb -20°C ≤ Ta ≤ +60°C<br>Ex tb IIIB T85°C Db -20°C ≤ Ta ≤ +60°C                |
| Certification | IECEx ITS 15.0025X                                                                            |
| Marking CCOE  | Ex db IIB + H2 Gb -20°C ≤ Ta ≤ +60°C<br>Ex tb IIIB T85°C Db -20°C ≤ Ta ≤ +60°C                |
| Certification | P410313/1                                                                                     |