

# iSTB604020



## External Dimensions (mm)

Height: 600  
Width: 400  
Depth: 200

## Construction Material

316L (1.4404), 304  
(1.4301) Stainless Steel  
Mild Steel (CR4)

## Material Thickness (mm)

Body: 1.2/1.5mm  
Lid: 1.2/1.5mm

Other thicknesses available

## Standard Finish

Stainless Steel - brushed  
Mild steel - Powder Coated  
Grey RAL7032 or RAL7035

## Optional Finish

Stainless steel - natural,  
pickled or electropolished  
Mild steel - customer specific  
colours and specification

## Door Fixing

Bolt down (Stainless  
Steel bolts)

## Sealing Material

High performance  
silicone seal

## Enclosure Earth

M6 internal and external  
Stainless Steel earth stud  
assembly. Painted enclosures  
have M6 internal stud on  
door and painted gland plates

## Cable Entries

Direct through body (or  
via gland plates-option)

## Enclosure Mounting

Bolt directly to equipment or  
via 2 mounting lugs. These  
are bolted on as standard but  
may be welded as an option.

Other options available

## Enclosure Capacities

### Cable Entries

Size	Side			
	A Top	B Right	C Bottom	D Left
M16	65	100	65	95
M20	60	90	60	85
M25	40	64	40	60
M32	24	39	24	36
M40	14	22	14	20

(Gland plate entry capacity based upon regular pattern.  
More entries may be possible with staggered patterns.)

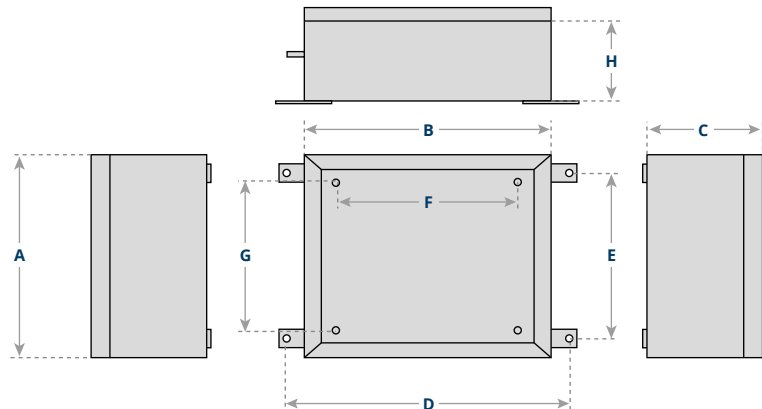
### Terminal Content

Conductor size	2.5 mm <sup>2</sup>	4 mm <sup>2</sup>	6 mm <sup>2</sup>	10 mm <sup>2</sup>
Quantity (vertical)	4x106	3x87	3x66	3x51

(Based on maximum physical content. Always check maximum cable bending radius.)

## Dimensions (mm)

A	B	C	D	E	F	G	H
600	400	200	460	540	300	500	175



## Certificates

### Component (ATEX) (IECEX)

Certificate No.	SIRA11ATEX3142U IECEX SIR 120083U Iss4
Service Temperature Range	-40 °C to +135 °C
Ingress Protection	IP66
Impact Resistance	7J Nm

### Apparatus (ATEX) (IECEX)

Certificate No.	SIRA11ATEX3241X IECEX SIR 15.0002X Iss 0
Marking	II 2 GD
Protection Concepts	GAS: Ex e IIC Gb T6, T5, T4 DUST: Ex tb IIIC Db IP66
Ambient Temperature	Min -50°C Max +70°C

## Part Number Selection Example

Order code: iSTB S1 60 40 20 3 ABC						
Family	Material	Height	Width	Depth	No. of Gland Plates	Gland Plate Faces
iSTB	S1	60	40	20	3	ABC
iSTB	316L	600mm	400mm	200mm	3	Top, Right, Bottom
	S1 = 316L S2 = 304 PS = Mild Steel				0,1,2,3 or 4	A = Top B = Right C = Bottom D = Left