

## Technical Data

Material:	Stainless Steel 1.4301 (V2A) or 1.4404 V4A
Surface:	brushed, grain size 240
Max. protection:	IP 66
Lid screws:	Stainless Steel
Type of protection:	II 2G Ex e IIC T6 Gb II 2(1)G Ex e[ia] IIC T6 Gb II 2D Ex tb IIIC T80°C
Certificate:	TPS 08 ATEX 61951 4
Max. Ambient temperature:	-50°C bis +60°C Depending on the used components and heat disipation
PE connection:	external, internal on base and lid
Accessories:	Wall mounting brackets

## Description

Exepd Connection Boxes Type A11-...-... are used to connect wires up to 300mm<sup>2</sup> in hazardous area zone 1 and zone 21.

The stainless steel enclosures are build in accordance to the individual request and will be equipped with terminals and cable glands.

While working with an internal process, which is made for customized spezial solutions, our skilled engineers will provide an high quality solution with short delivery times, designed for your needs.

Maximum electrical connection data:  
 Rated voltage: 1100V  
 Rated curent: 500A  
 Cross section: 300mm<sup>2</sup>

## Standard Connection Boxes (other sizes also available)

size WxHxD in mm	Maximum terminals / current*						Maximum number of cable glands						
	35 mm <sup>2</sup>	70 mm <sup>2</sup>	95 mm <sup>2</sup>	120 mm <sup>2</sup>	185 mm <sup>2</sup>	300 mm <sup>2</sup>	M16x 1,5	M20x 1,5	M25x 1,5	M32x 1,5	M40x 1,5	M50x 1,5	M63x 1,5
300x300x200	8/90	7/140	-	-	-	-	54	45	30	15	6	6	4
400x600x210	18/65	16/100	14/120	13/145	-	-	72	60	40	30	12	12	10
600x400x210	20/60	18/95	14/120	10/145	8/230	-	128	90	60	18	8	6	6
800x600x210	54/40	32/75	26/120	24/115	10/220	10/285	144	120	80	30	12	12	10
1000x800x300	72/40	46/75	36/120	34/115	13/230	13/290	240	210	150	39	33	30	26
1200x1000x400	93/40	90/60	48/120	44/115	34/230	17/290	288	252	180	94	52	48	44

\*maximum current is based on Ta = 40°C!

## Dimension drawing

