

Technical specification

Material: Stainl. Steel 1.4301 (V2A) or 1.4404 (V4A)
 Surface finish: polished, grain 240
 Prot. system: max. IP 66
 Ignition prot. type: II 2G Ex e II T6 or II 2G Ex e [ia] IIC T6 II 2D Ex tD A21 IP6x T80°C
 Housing sizes: 300x300x200 mm to 1000x1200x400 mm
 EC-type examination certificate: TPS 08 ATEX 61951 4
 Max. application temperature: -50°C to +60°C
Maximum power rating:
 Rated voltage: 1100V
 Rated current: 500A
 Rated cross-section: 300mm²

Description

Exepd terminal boxes of **Type A11-...-.....** are used for wiring of electrical connections with a rated cross-section of **up to 300mm²** in potentially explosive areas classified as **Zone 1 and Zone 21**. The stainless steel housings are **specifically manufactured** according to your requirements and **equipped** with the appropriate **terminals** and **cable glands**. **Long-term experience** in the field of special housing design and our **optimised production processes** guarantee **short delivery periods** for customized terminal boxes.

Standard terminal boxes (also available in other sizes and housing materials)

Size HxWxD in mm	Max. no. of terminals / current loading*						Max. number of cable glands						
	35 mm ²	70 mm ²	95 mm ²	120 mm ²	185 mm ²	300 mm ²	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	-	108	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

*The values for current loading refer to max. number of terminals at Ta = 40°C!

Dimension Drawing

