



XBL – ATEX Polyester junction box

Protection mode:

Type of protection: II 2G and D, EExe II T6 •
 EExia IIC T6
 Class of temperature: T6
 Protection degree: IP66
 Ambient Temp : -20/+40°C

Description:

Glass fibre reinforced polyester with graphite finish (R<1G Ohm) neoprene gasket (silicone optional)
 Stainless steel unlosable screws
 Optional hinges
Shock resistance: IK09 10 Joules
Glow wire test: 960°C
Protection class: I



Technical data:

Rated voltages

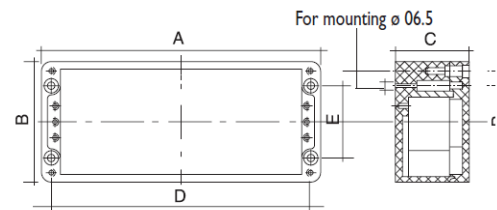
Dependent on the components fitted in the box (eg: with terminal block: Un max = 500V)

Cable entries

ISO entries and threads
 Polyamide cable glands for non-armoured cable
 Nickel chromed brass cable glands for non-armoured cable
 Nickel chromed brass PE series cable glands for armoured cable
 PEP series with brass continuity plate on XBL
 Equipment of the terminal lock wire any type of certified EExe or EExia terminals.
 The maximum number of terminal blocks per box is dependent on the certification (see table below)

Options: 4 stainless steel fixing brackets

Technical drawing:



Stainless steel external earth
 Options: without throughwiring
 Prewiring of terminals
 Galvanised steel base plate
 Copper earthing bar

XB/XBL Fixing on the rear of the box by M6 x 30 screws (not supplied), accessible from the front when cover is removed.

Reference	Material	Dimensions (in mm) A x B x C	Fixing centres D x E	Maximum number of terminals size (in mm ²) In Max (in A)								Weight (in Kg)
				2.5 mm ² 8.5 A	4 mm ² 11 A	6 mm ² 21 A	10 mm ² 27.5 A	16/25 40/62 A	35 mm ² 72 A	70 mm ² 100 A	120 mm ² 120 A	
XBL15	Poly	120 x 120 x 85	104 x 80	15	12	9	7	6	4	-	-	0.65
XBL25	Poly	230 x 120 x 85	214 x 80	38	32	24	19	16	12	-	-	1.00
XBL35	Poly	350 x 160 x 85	330 x 112	60	51	37	30	25	18	-	-	1.95
XBL40	Poly	405 x 400 x 120	380 x 355	198	165	122	99	56	22	15	11	5.58
XBL45	Poly	350 x 200 x 115	330 x 152	120	95	54	30	25	18	4	4	2.65
XBL55	Poly	500 x 250 x 115	480 x 202	180	150	110	45	37	28	4	4	4.10
XBL65	Poly	600 x 250 x 115	580 x 202	214	184	138	55	46	34	4	4	4.70
XBL75	Poly	400 x 600 x 250	370 x 570	258	258	192	192	72	66	14	12	7.30