



## Junctionbox Polyester

Robust junction or terminal box made of high quality glass reinforced polyester (GRP). Some types of housings can be linked with each other. Suitable for use in harsh industrial environment, also corrosion free for marine or platform applications. UV stable, high mechanic durability.

Double pole terminals can be built in most of this housings. If cable glands shall be mounted on more than one side of the housing, the maximum number of terminals can be reduced.

## Technical specifications

### Explosion protection

Ex II 2 GD Ex de [ia] IIC T6

### Norm

EN 60079-7, EN 60079-11,  
EN 60079-31

### Protection

IP66

### Material

Glass reinforced polyester

### Ambient temperature

-25° C to +40° C

### Coversealing

Nitrile

### Colors

Dark gray, similar to RAL 7024

### Certificate

PTB 01 ATEX 1016  
TÜV 04 Atex 2472



The types can be linked to each other with frames. The maximum number of terminals, or min block terminals and cable glands is seen in the following table.

Maximum number of terminals						Dimensions W x H x D [mm]	Type
2,5	4	6	10	16	35		
19	16	12	9	–	–	170 x 170 x 91	8146 / .051 P - 051
28	24	17	14	–	–	227 x 170 x 91	8146 / .061 P - 061
51	42	31	25	–	–	340 x 170 x 91	8146 / .S71 P - S71
51	42	31	25	20	–	340 x 170 x 150	8146 / .073 P - 073
153	84	62	50	–	–	340 x 340 x 91	8146 / .081 P - 081
153	84	62	50	22	16	340 x 340 x 150	8146 / .083 P - 083
306	168	124	100	–	–	680 x 340 x 91	8146 / .091 P - 091
204	168	124	100	–	–	680 x 340 x 131	8146 / .092 P - 092

**Attention: The number of terminals partly refers to 2- or 3- row construction**