



## Medium voltage distribution boxes

### Features

- Two different enclosure material available
- Connection up to 3 cables possible

### Description

BARTEC offers explosion protected connection enclosures up to 6 kV and 10 kV with more than ten different enclosure types 07-5H9-...../..... of stainless steel and polyester. They serve for the connection of incoming and outgoing cables adjacent to electrical equipment such as motors and transformers up to 10 kV within the Ex area.

### Consignment

With wall fixing brackets  
 Accessories: mounting panel, post insulator terminals, PE connection  
 BARTEC tailors the enclosures to the customer's request and equips them with the desired cable glands.

### Explosion protection

#### Ex protection type

**ATEX** II 2G Ex e IIC T6/T5 Gb  
 II 2D Ex tb IIIC T80 °C/T95 °C Db

#### Certification

IECExU 13 ATEX 1001

Other approvals and certificates, see [www.bartec-group.com](http://www.bartec-group.com)

#### Ambient temperature

EPDM gasket  
 - 20 °C to + 40 °C at T6  
 - 20 °C to + 55 °C at T5

Silicone gasket (only ST/ST)  
 - 55 °C to + 40 °C at T6  
 - 55 °C to + 55 °C at T5

### Technical data

#### Material

polyester, black, glass-fibre reinforced mounting panel of sheet steel

#### Material

high-quality stainless steel 1.4404

#### Protection class

IP 66 according to IEC 60529/EN 60529

#### Storage temperature

- 20 °C to + 70 °C

#### Rated voltage

up to 6 kV and 10 kV

#### Rated current

max. 500 A

#### Rated cross-section

max. 300 mm<sup>2</sup>

### Selection chart Polyester-distribution boxes with door

Dimensions in mm			Rated voltage	Order no.
Width	Height	Depth		
400	600	200	6 kV	<b>07-5H95-4006/0020</b>
600	600	200	6 kV	<b>07-5H95-6006/0020</b>
600	800	300	6 kV / 10 kV	<b>07-5H95-6008/0030</b>
800	1000	300	6 kV / 10 kV	<b>07-5H95-8000/0130</b>

### Selection chart High-quality stainless steel distribution boxes with door

Dimensions in mm			Rated voltage	Order no.
Width	Height	Depth		
400	600	210	6 kV	<b>07-5H92-4006/0021</b>
600	600	210	6 kV	<b>07-5H92-6006/0021</b>
600	760	210	6 kV	<b>07-5H92-6007/6021</b>
760	760	300	6 kV / 10 kV	<b>07-5H92-7607/6030</b>
600	800	300	6 kV / 10 kV	<b>07-5H92-6008/0030</b>
600	800	300	6 kV / 10 kV	<b>07-5H92-8008/0030</b>
800	1000	300	6 kV / 10 kV	<b>07-5H92-8000/0130</b>