

CONFIGURABLE EX-PROOF ALUMINIUM TERMINAL BOXES

Zones 1, 2, 21, 22

Full catalogue available on our website: www.inpratex.com

ATEX JUNCTION BOXES

ZONES 1, 2 (gas) & 21, 22 (dust)

ATEX Zones 1,2,21,22 rated explosion-proof aluminium alloy junction boxes. These enclosures are suitable for those industries where potentially explosive environments exist, e.g. chemical, petrochemical and pharmaceutical industries, Oil&Gas, et...

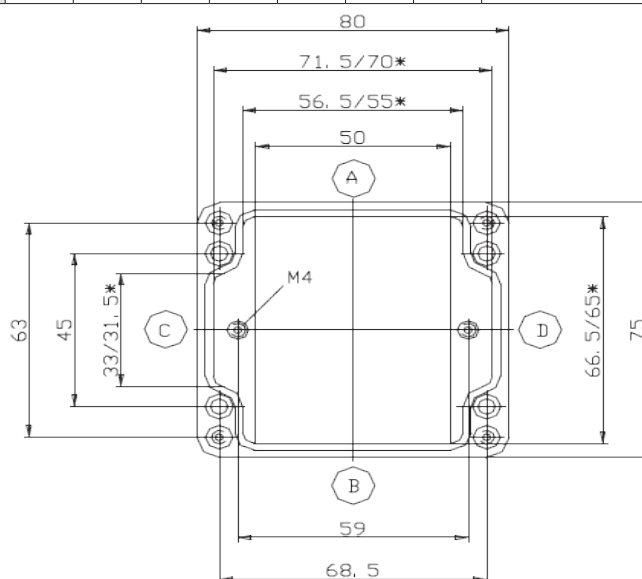
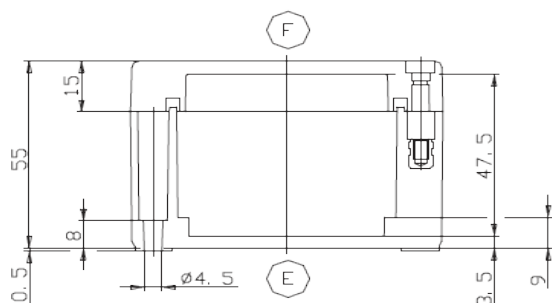


EU-Type Examination Certificate

We don't supply empty "U" certified enclosures. These terminal boxes must be configured with the number of terminals and cable entries.

ITEM REFERENCES

Max. number of terminals:							Max. number of cable entries (plastic glands):								Item No.:
Type:	2,5 mm ²	4 mm ²	6 mm ²	10 mm ²	16 mm ²	35 mm ²	Size:	M16	M20	M25	M32	M40	M50	M63	
Number:	8	0	0	0	0	0	A	2	1	1	0	0	0	0	5A0301..xx*
							B	2	1	1	0	0	0	0	
							C	2	1	0	0	0	0	0	
							D	2	1	0	0	0	0	0	



* The following should be attached to the reference of each box size:

1 - Type and number of terminals required (never exceed the maximum quantity shown in the table)

2 - Size and number of cable entries:

- For unarmoured cable, it may never exceed the maximum quantity shown in the table.

- If armoured cable is used, the number of entries must be defined in each case.

The value 0 indicates that this type of terminal / cable entry size can't be used in this box model

TECHNICAL SPECIFICATIONS

Marking:	II 2G Ex e II T4/T6 Gb II 2G Ex ia IIC T6 Gb II 2D Ex tD A21 IP65 T80°C
Certificate:	EU-Type Examination Certificate
Operating temperature:	-50°C to +60°C
Dimensions:	75x80x57 mm
Ingress protection:	IP65
Weight:	280 g (empty)
Colour:	RAL 7001

CONFIGURABLE EX-PROOF ALUMINIUM TERMINAL BOXES

Zones 1, 2, 21, 22

Full catalogue available on our website: www.inpratex.com

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CONTROL & CONNECTION EQUIPMENT

The number of cable entries and the number of terminals is configurable according to the customer's needs. The boxes are supplied finished, with the necessary terminals and with the cable entries already made.

We don't supply empty "U" certified enclosures. These terminal boxes must be configured with the number of terminals and cable entries.

ITEM REFERENCES															
Max. number of terminals:							Max. number of cable entries (plastic glands):								Item No.:
Type:	2,5 mm ²	4 mm ²	6 mm ²	10 mm ²	16 mm ²	35 mm ²	Size:	M16	M20	M25	M32	M40	M50	M63	5A0302..xx*
Number:	17	0	0	0	0	0	A	4	3	2	0	0	0	0	
							B	4	3	2	0	0	0	0	
							C	2	1	0	0	0	0	0	
							D	2	1	0	0	0	0	0	

The technical drawing consists of two views: a side view on the left and a top view on the right. The side view shows a rectangular box with a total height of 57 mm. The top flange is 15 mm thick, and the bottom flange is 51 mm thick. The main body has a height of 12.5 mm. The base has a thickness of 6 mm. The mounting holes are spaced 24.4 mm apart. The bottom flange has a width of 3.5 mm and a height of 9.5 mm. The top view shows a rectangular box with a total width of 125 mm and a total height of 68 mm. The mounting holes are spaced 118/116 mm apart. The internal width is 97 mm. The mounting holes are spaced 52 mm apart. The internal height is 30 mm. The mounting holes are spaced 75/71 mm apart. The bottom flange has a width of 106 mm and a height of 113 mm. The mounting holes are spaced 106 mm apart. The bottom flange has a width of 113 mm and a height of 80 mm. The mounting holes are spaced 113 mm apart. The bottom flange has a width of 113 mm and a height of 80 mm. 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TECHNICAL SPECIFICATIONS	
Marking:	II 2G Ex e II T4/T6 Gb II 2G Ex ia IIC T6 Gb II 2D Ex tD A21 IP65 T80°C
Certificate:	EU-Type Examination Certificate
Operating temperature:	-50°C to +60°C
Dimensions:	125x80x57 mm
Ingress protection:	IP65
Weight:	435 g (empty)
Colour:	RAL 7001

CONFIGURABLE EX-PROOF ALUMINIUM TERMINAL BOXES

Zones 1, 2, 21, 22

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The number of cable entries and the number of terminals is configurable according to the customer's needs. The boxes are supplied finished, with the necessary terminals and with the cable entries already made.

We don't supply empty "U" certified enclosures. These terminal boxes must be configured with the number of terminals and cable entries.

ITEM REFERENCES															
Max. number of terminals:							Max. number of cable entries (plastic glands):								Item No.:
Type:	2,5 mm ²	4 mm ²	6 mm ²	10 mm ²	16 mm ²	35 mm ²	Size::	M16	M20	M25	M32	M40	M50	M63	5A0303..xx*
Number:	27	0	0	0	0	0	A	6	4	4	0	0	0	0	
							B	6	4	4	0	0	0	0	
							C	2	1	0	0	0	0	0	
							D	2	1	0	0	0	0	0	

The drawing shows a terminal box with the following dimensions:

- Side View (Left):** Total height 57 mm, base height 10 mm, top flange height 15 mm, internal width 10.5 mm, total width 51 mm, bottom flange height 3.5 mm, and a mounting hole diameter of Ø4.4.
- Top View (Right):** Overall width 175 mm, internal width 168/166.5 mm, mounting hole spacing 147 mm, overall height 80 mm, internal height 73/71.5 mm, bottom flange width 156 mm, and base width 163 mm. Mounting holes are M4 with a center-to-center distance of 52 mm (48 mm between the inner holes). The box has rounded corners with R6 and R5.5 radii.

* The following should be attached to the reference of each box size:

1 - Type and number of terminals required (never exceed the maximum quantity shown in the table)

2 - Size and number of cable entries:

- For unarmoured cable, it may never exceed the maximum quantity shown in the table.
- If armoured cable is used, the number of entries must be defined in each case.

The value 0 indicates that this type of terminal / cable entry size can't be used in this box model

TECHNICAL SPECIFICATIONS	
Marking:	II 2G Ex e II T4/T6 Gb II 2G Ex ia IIC T6 Gb II 2D Ex tD A21 IP65 T80°C
Certificate:	EU-Type Examination Certificate
Operating temperature:	-50°C to +60°C
Dimensions:	175x80x57 mm
Ingress protection:	IP65
Weight:	530 g (empty)
Colour:	RAL 7001

CONFIGURABLE EX-PROOF ALUMINIUM TERMINAL BOXES

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CONTROL & CONNECTION EQUIPMENT

The number of cable entries and the number of terminals is configurable according to the customer's needs. The boxes are supplied finished, with the necessary terminals and with the cable entries already made.

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ITEM REFERENCES															
Max. number of terminals:							Max. number of cable entries (plastic glands):								Item No.:
Type:	2,5 mm ²	4 mm ²	6 mm ²	10 mm ²	16 mm ²	35 mm ²	Size:	M16	M20	M25	M32	M40	M50	M63	5A0304..xx*
Number:	15	13	9	7	0	0	A	6	4	2	2	1	0	0	
							B	6	4	2	2	1	0	0	
							C	2	1	1	0	0	0	0	
							D	2	1	1	0	0	0	0	

Technical drawing of the terminal box. The side view shows a height of 90 mm, a width of 122 mm, and a depth of 13 mm. The front view shows a height of 122 mm, a width of 122 mm, and a depth of 13 mm. Dimensions are given in mm. The drawing includes labels A, B, C, D, E, and F for specific features.

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- 1 - Type and number of terminals required (never exceed the maximum quantity shown in the table)
- 2 - Size and number of cable entries:
 - For unarmoured cable, it may never exceed the maximum quantity shown in the table.
 - If armoured cable is used, the number of entries must be defined in each case.

The value 0 indicates that this type of terminal / cable entry size can't be used in this box model

TECHNICAL SPECIFICATIONS	
Marking:	<div> II 2G Ex e II T4/T6 Gb </div> <div> II 2G Ex ia IIC T6 Gb </div> <div> II 2D Ex td A21 IP65 T80°C </div>
Certificate:	EU-Type Examination Certificate
Operating temperature:	-50°C to +60°C
Dimensions:	122x122x90 mm
Ingress protection:	IP65
Weight:	920 g (empty)
Colour:	RAL 7001

CONFIGURABLE EX-PROOF ALUMINIUM TERMINAL BOXES

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The number of cable entries and the number of terminals is configurable according to the customer's needs. The boxes are supplied finished, with the necessary terminals and with the cable entries already made.

We don't supply empty "U" certified enclosures. These terminal boxes must be configured with the number of terminals and cable entries.




ITEM REFERENCES															
Max. number of terminals:							Max. number of cable entries (plastic glands):								Item No.:
Type:	2,5 mm ²	4 mm ²	6 mm ²	10 mm ²	16 mm ²	35 mm ²	Size:	M16	M20	M25	M32	M40	M50	M63	5A0305..xx*
Number:	22	18	13	11	9	0	A	9	6	4	2	2	1	0	
							B	9	6	4	2	2	1	0	
							C	4	3	2	2	0	0	0	
							D	4	3	2	2	0	0	0	

The image contains two technical drawings of a terminal box. The left drawing is a side view showing a rectangular box with a flange on the right side. Dimensions include a total height of 90, a flange height of 20, an internal height of 82, and a base thickness of 13. A central horizontal dimension is 15.5. A circular feature on the right is labeled 'F'. The bottom left corner has a small rectangular feature labeled 'E' with a width of 6 and a height of 1. A hole with a diameter of 6.5 is indicated. The right drawing is a top view showing the box's footprint. It has a total width of 160 and a total height of 160. Internal dimensions include 151/149* for the width and 120/118* for the height. A central square area is labeled 'A'. The bottom edge has a width of 130 and a total width of 140. The right edge has a height of 90/88* and a total height of 151/149*. Four circular features are labeled 'B', 'C', 'D', and 'E'. A hole with a diameter of 6.5 is indicated. A label 'M6' points to a hole on the right side.

* The following should be attached to the reference of each box size:

- 1 - Type and number of terminals required (never exceed the maximum quantity shown in the table)
- 2 - Size and number of cable entries:
 - For unarmoured cable, it may never exceed the maximum quantity shown in the table.
 - If armoured cable is used, the number of entries must be defined in each case.

The value 0 indicates that this type of terminal / cable entry size can't be used in this box model

TECHNICAL SPECIFICATIONS	
Marking:	 II 2G Ex e II T4/T6 Gb  II 2G Ex ia IIC T6 Gb  II 2D Ex tD A21 IP65 T80°C
Certificate:	EU-Type Examination Certificate
Operating temperature:	-50°C to +60°C
Dimensions:	160x160x90 mm
Ingress protection:	IP65
Weight:	1410 g (empty)
Colour:	RAL 7001

CONFIGURABLE EX-PROOF ALUMINIUM TERMINAL BOXES

Zones 1, 2, 21, 22

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The number of cable entries and the number of terminals is configurable according to the customer's needs. The boxes are supplied finished, with the necessary terminals and with the cable entries already made.

We don't supply empty "U" certified enclosures. These terminal boxes must be configured with the number of terminals and cable entries.

ITEM REFERENCES															
Max. number of terminals:							Max. number of cable entries (plastic glands):								Item No.:
Type:	2,5 mm ²	4 mm ²	6 mm ²	10 mm ²	16 mm ²	35 mm ²	Size:	M16	M20	M25	M32	M40	M50	M63	5A0306..xx*
Number:	42	35	26	21	17	0	A	17	12	7	4	3	3	0	
							B	17	12	7	4	3	3	0	
							C	4	3	2	2	0	0	0	
							D	4	3	2	2	0	0	0	

The technical drawing consists of two views of a rectangular terminal box. The left view is a side profile showing a height of 90 mm, a top flange of 6 mm, a main body of 20 mm, an internal width of 15.5 mm, a bottom flange of 4 mm, and a base of 13 mm. A hole with a diameter of 6.5 mm is shown. The right view is a front elevation showing a width of 260 mm and a height of 140 mm. It includes internal dimensions for cable entry points: 251/249 mm and 220/218 mm for the top, and 90/88 mm and 151/149 mm for the bottom. Mounting holes are labeled A, B, C, D, E, and F. The bottom flange is 230 mm wide, and the base is 240 mm wide. M6 screws are indicated for mounting.

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1 - Type and number of terminals required (never exceed the maximum quantity shown in the table)

2 - Size and number of cable entries:

- For unarmoured cable, it may never exceed the maximum quantity shown in the table.
- If armoured cable is used, the number of entries must be defined in each case.

The value 0 indicates that this type of terminal / cable entry size can't be used in this box model

TECHNICAL SPECIFICATIONS	
Marking:	II 2G Ex e II T4/T6 Gb II 2G Ex ia IIC T6 Gb II 2D Ex tD A21 IP65 T80°C
Certificate:	EU-Type Examination Certificate
Operating temperature:	-50°C to +60°C
Dimensions:	260x160x90 mm
Ingress protection:	IP65
Weight:	1960 g (empty)
Colour:	RAL 7001

CONFIGURABLE EX-PROOF ALUMINIUM TERMINAL BOXES

Zones 1, 2, 21, 22

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The number of cable entries and the number of terminals is configurable according to the customer's needs. The boxes are supplied finished, with the necessary terminals and with the cable entries already made.

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ITEM REFERENCES															
Max. number of terminals:							Max. number of cable entries (plastic glands):								Item No.:
Type:	2,5 mm ²	4 mm ²	6 mm ²	10 mm ²	16 mm ²	35 mm ²	Size:	M16	M20	M25	M32	M40	M50	M63	5A0307..xx*
Number:	62	51	38	31	25	0	A	26	18	11	6	5	4	0	
							B	26	18	11	6	5	4	0	
							C	4	3	2	2	0	0	0	
							D	4	3	2	2	0	0	0	

The image contains two technical drawings of a terminal box. The left drawing is a side view showing a rectangular box with a central vertical partition. Dimensions include a total height of 90 mm, a base thickness of 1 mm, a side flange of 6 mm, a central partition thickness of 15.5 mm, an internal height of 82 mm, a bottom flange of 4 mm, and a base width of 13 mm. A hole with a diameter of 6.5 mm is shown on the side. The right drawing is a front view showing the box's width and height. The total width is 360 mm, with internal widths of 351/349 mm and 320/318 mm. The total height is 160 mm, with internal heights of 140 mm, 110 mm, and 76 mm. A central vertical slot is labeled A and B. Mounting holes are labeled C and D. A dimension of 90/88 mm is shown for the internal height of the mounting area, and 151/149 mm for the total height of the mounting area. The mounting holes are labeled M6.

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- 1 - Type and number of terminals required (never exceed the maximum quantity shown in the table)
- 2 - Size and number of cable entries:
 - For unarmoured cable, it may never exceed the maximum quantity shown in the table.
 - If armoured cable is used, the number of entries must be defined in each case.

The value 0 indicates that this type of terminal / cable entry size can't be used in this box model

TECHNICAL SPECIFICATIONS	
Marking:	II 2G Ex e II T4/T6 Gb II 2G Ex ia IIC T6 Gb II 2D Ex tD A21 IP65 T80°C
Certificate:	EU-Type Examination Certificate
Operating temperature:	-50°C to +60°C
Dimensions:	360x160x90 mm
Ingress protection:	IP65
Weight:	2550 g (empty)
Colour:	RAL 7001

CONFIGURABLE EX-PROOF ALUMINIUM TERMINAL BOXES

Zones 1, 2, 21, 22

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CONTROL & CONNECTION EQUIPMENT

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ITEM REFERENCES															
Max. number of terminals:							Max. number of cable entries (plastic glands):								Item No.:
Type:	2,5 mm ²	4 mm ²	6 mm ²	10 mm ²	16 mm ²	35 mm ²	Size:	M16	M20	M25	M32	M40	M50	M63	5A0308..xx*
Number:	60	50	18	15	12	0	A	15	12	8	4	3	2	2	
							B	15	12	8	4	3	2	2	
							C	12	8	5	3	2	2	1	
							D	12	8	5	3	2	2	1	

The image contains two technical drawings of a terminal box. The left drawing is a side view showing a rectangular box with a total height of 110 mm. It has a base thickness of 1 mm and a top flange of 20 mm. The main body has a width of 102 mm. There are mounting holes on the top and bottom flanges, with a center-to-center distance of 15.5 mm between them. A hole with a diameter of 6.5 mm is located on the side. The right drawing is a front view showing a square-like box with a total width of 200 mm and a total height of 230 mm. It features a central square opening with a width of 170 mm and a height of 180 mm. The top and bottom flanges are 20 mm thick. The side flanges are 15 mm thick. There are mounting holes on all four flanges, with a center-to-center distance of 15.5 mm between them. The drawing also shows the internal structure and the location of the mounting holes relative to the edges.

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1 - Type and number of terminals required (never exceed the maximum quantity shown in the table)

2 - Size and number of cable entries:

- For unarmoured cable, it may never exceed the maximum quantity shown in the table.
- If armoured cable is used, the number of entries must be defined in each case.

The value 0 indicates that this type of terminal / cable entry size can't be used in this box model

TECHNICAL SPECIFICATIONS	
Marking:	II 2G Ex e II T4/T6 Gb II 2G Ex ia IIC T6 Gb II 2D Ex td A21 IP65 T80°C
Certificate:	EU-Type Examination Certificate
Operating temperature:	-50°C to +60°C
Dimensions::	200x230x110 mm
Ingress protection:	IP65
Weight:	2730 g (empty)
Colour:	RAL 7001

CONFIGURABLE EX-PROOF ALUMINIUM TERMINAL BOXES

Zones 1, 2, 21, 22

Full catalogue available on our website: www.inpratex.com

The number of cable entries and the number of terminals is configurable according to the customer's needs. The boxes are supplied finished, with the necessary terminals and with the cable entries already made.

We don't supply empty "U" certified enclosures. These terminal boxes must be configured with the number of terminals and cable entries.

ITEM REFERENCES															
Max. number of terminals:							Max. number of cable entries (plastic glands):								Item No.:
Type:	2,5 mm ²	4 mm ²	6 mm ²	10 mm ²	16 mm ²	35 mm ²	Size:	M16	M20	M25	M32	M40	M50	M63	5A0309..xx*
Number:	92	76	28	23	19	14	A	25	18	11	7	4	3	3	
							B	25	18	11	7	4	3	3	
							C	12	8	5	3	2	2	1	
							D	12	8	5	3	2	2	1	

The image contains two technical drawings of a rectangular terminal box. The left drawing is a side view showing a height of 110 mm, a top flange of 20 mm, a bottom flange of 102 mm, and a base of 4 mm. It also shows a width of 280 mm and a depth of 13 mm. The right drawing is a top view showing a width of 280 mm and a height of 210 mm. It includes internal dimensions for cable entries: 271/268.5 mm and 240/237.5 mm for the top, and 160/157.5 mm and 221/218.5 mm for the bottom. It also shows a central width of 250 mm and a central height of 144 mm. The drawings are labeled with letters A, B, C, D, E, and F.

* The following should be attached to the reference of each box size:

- 1 - Type and number of terminals required (never exceed the maximum quantity shown in the table)
- 2 - Size and number of cable entries:
 - For unarmoured cable, it may never exceed the maximum quantity shown in the table.
 - If armoured cable is used, the number of entries must be defined in each case.

The value 0 indicates that this type of terminal / cable entry size can't be used in this box model

TECHNICAL SPECIFICATIONS	
Marking:	II 2G Ex e II T4/T6 Gb II 2G Ex ia IIC T6 Gb II 2D Ex tD A21 IP65 T80°C
Certificate:	EU-Type Examination Certificate
Operating temperature:	-50°C to +60°C
Dimensions:	280x230x110 mm
Ingress protection:	IP65
Weight:	3840 g (empty)
Colour:	RAL 7001

CONFIGURABLE EX-PROOF ALUMINIUM TERMINAL BOXES

Zones 1, 2, 21, 22

Full catalogue available on our website: www.inpratex.com

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The number of cable entries and the number of terminals is configurable according to the customer's needs. The boxes are supplied finished, with the necessary terminals and with the cable entries already made.

We don't supply empty "U" certified enclosures. These terminal boxes must be configured with the number of terminals and cable entries.

ITEM REFERENCES															
Max. number of terminals:							Max. number of cable entries (plastic glands):								Item No.:
Type:	2,5 mm ²	4 mm ²	6 mm ²	10 mm ²	16 mm ²	35 mm ²	Size:	M16	M20	M25	M32	M40	M50	M63	5A0310..xx*
Number:	140	116	43	35	29	21	A	38	27	17	11	6	5	4	
							B	38	27	17	11	6	5	4	
							C	12	8	5	3	2	2	1	
							D	12	8	5	3	2	2	1	

The drawing shows a terminal box with the following dimensions:

- Side View (Left):** Total height 110 mm, top flange 20 mm, bottom flange 24 mm, internal width 15.5 mm, internal height 102 mm, bottom flange 4 mm, and a hole diameter of 6.5 mm.
- Front View (Right):** Total width 400 mm, internal width 391/388.5 mm, 360/357.5 mm, 370 mm, and 380 mm. Total height 210 mm, internal height 180 mm, 144 mm, 120 mm, 80 mm, 160/157.5 mm, 221/218.5 mm, and 230 mm. Mounting holes are M6.

* The following should be attached to the reference of each box size:

1 - Type and number of terminals required (never exceed the maximum quantity shown in the table)

2 - Size and number of cable entries:

- For unarmoured cable, it may never exceed the maximum quantity shown in the table.
- If armoured cable is used, the number of entries must be defined in each case.

The value 0 indicates that this type of terminal / cable entry size can't be used in this box model

TECHNICAL SPECIFICATIONS	
Marking:	II 2G Ex e II T4/T6 Gb II 2G Ex ia IIC T6 Gb II 2D Ex tD A21 IP65 T80°C
Certificate:	EU-Type Examination Certificate
Operating temperature:	-50°C to +60°C
Dimensions:	400x230x110 mm
Ingress protection:	IP65
Weight:	4870 g (empty)
Colour:	RAL 7001