



EX-EQUIPMENT

English Version



A Phoenix Mecano Company

ROSE Systemtechnik GmbH

The company was founded in 1969 and specializes in the development and production of high quality industrial enclosures, which are used in a variety of environmental conditions.

Phoenix Mecano AG / Switzerland is a global company.

The basis of our business success are systems from a wide range of high quality products, innovative design and first class customer service.

For more informations please visit our website

www.rose-pw.de

www.rose-ex-enclosures.com








A Phoenix Mecano Company


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ROSE Ex Equipment



Ex e / Ex ia Junction boxes

- Ex Junction boxes with ATEX, IECEx and other certifications
- Complete fitting with terminals, cable glands, etc.
- Material: Stainless steel, Polyester, Aluminium, Polyamide

Application area:



Ex e



Ex ia

Flame proof enclosure systems Ex d

- Application areas II B or II C
- Ex Enclosures with ATEX, IECEx and other certifications
- Complete assembling with electromechanical components, glands etc.
- Material: Stainless steel, Aluminium

Application area:



Ex d



Ex e and Ex d Control Stations

- Ex Enclosures with ATEX, IECEx and other certifications
- Complete assembling with switches, push buttons, pilote lamps, glands etc.
- Material: Stainless steel, Aluminium

ROSE Ex Equipment

Extreme climatic conditions, aggressive environment?

ROSE Ex products have fulfilled the most versatile demands worldwide for years.

For more than 30 years, ROSE Ex enclosures made in stainless steel, polyester and aluminium have proved reliable Ex appliances and are being used by renowned plant contractors all over the world.



Operating under arctic conditions up to temperatures of -55°C

ROSE Ex Equipment

Aggressive chemical environment



Operating under tropical conditions
up to temperatures +90°C



ROSE Ex Equipment



Physikalisch-Technische Bundesanstalt
Braunschweig und Berlin



EG-Baumusterprüfbescheinigung

- (1) Geräte und Schutzsysteme zur bestimmungsgemäßen Verwendung in explosionsgefährdeten Bereichen - Richtlinie 94/9/EG
- (2) EG-Baumusterprüfbescheinigung
- (3) PTB 00 ATEX 1063
- (4) Gerät: Energieerzeugung, Schutz und Steuerungseinheit Typ T5... und T5...
- (5) Hersteller: ROSE Systemtechnik GmbH + Co. KG
- (6) Anschrift: Erhebung 19-15, 32427 Porta Westfalica, Deutschland
- (7) Die Bauteile sind Geräte sowie die wesentlichen zugehörigen Ausführungen und in der Anlage zu

Physikalisch-Technische Bundesanstalt
Braunschweig und Berlin



4. ERGÄNZUNG

gemäß Richtlinie 94/9/EG Anlage 2 Ziffer 4
zur EG-Baumusterprüfbescheinigung PTB 00 ATEX 1063

Gerät: Energieerzeugung, Schutz und Steuerungseinheit
Typ AL42 25... und T5...

Kennzeichnung: Ex d IIC Ex d IIC mB [Ex] IC T5, T5, bzw. T4
Ex d IIC Ex d IIC mB IIC T5, T5, bzw. T4 Gb

Hersteller: ROSE Systemtechnik GmbH

Anschrift: Erhebung 19-15, 32427 Porta Westfalica, Deutschland

Bestimmung der Explosionsgruppen und -kategorien

Die Energieerzeugung, Schutz und Steuerungseinheit Typ AL42 25...
nach den Normen EN 60079-0:2009 und EN 60079-1:2009 bzw. gemäß
DIN EN 60079-0:2009 und EN 60079-1:2009 sind:

Dadurch sind sich das Kennzeichen in:

Ex d IIC Ex d IIC mB IIC T5, T5, bzw. T4 Gb

Ex d IIC Ex d IIC mB IIC T5, T5, bzw. T4 Gb

Technische Daten

Bestimmungsgemäße Spannung: max. 1000 V

Bestimmungsgemäße Leistung: max. 500 A

Bestimmungsgemäße Schutzart: max. 230 mm²

Bestimmungsgemäße Schutzart: max. 120 mm²

*) je nach Kennart und verwendeten Ex-Komponenten

Umgebungstemperaturbereich

40 °C bis +130 °C mit Belüftung (Pa. Ein, Pa. Drei)

-40 °C bis +130 °C mit Belüftung (Pa. Ein, Pa. Drei), Pa. Zwei

-40 °C bis +130 °C mit Belüftung (Pa. Ein, Pa. Drei)

-20 °C bis +85 °C mit CH-Überschlag (Pa. Ein, Pa. Drei)

-20 °C bis +130 °C mit Belüftung (Pa. Ein, Pa. Drei)

-20 °C bis +130 °C mit Belüftung (Pa. Ein, Pa. Drei)

-20 °C bis +130 °C mit Belüftung (Pa. Ein, Pa. Drei)

-20 °C bis +130 °C mit Belüftung (Pa. Ein, Pa. Drei)

-20 °C bis +130 °C mit Belüftung (Pa. Ein, Pa. Drei)

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-20 °C bis +130 °C mit Belüftung (Pa. Ein, Pa. Drei)

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-20 °C bis +130 °C mit Belüftung (Pa. Ein, Pa. Drei)

-20 °C bis +130 °C mit Belüftung (Pa. Ein, Pa. Drei)

-20 °C bis +130 °C mit Belüftung (Pa. Ein, Pa. Drei)

-20 °C bis +130 °C mit Belüftung (Pa. Ein, Pa. Drei)

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-20 °C bis +130 °C mit Belüftung (Pa. Ein, Pa. Drei)

-20 °C bis +130 °C mit Belüftung (Pa. Ein, Pa. Drei)

-20 °C bis +130 °C mit Belüftung (Pa. Ein, Pa. Drei)

-20 °C bis +130 °C mit Belüftung (Pa. Ein, Pa. Drei)

-20 °C bis +130 °C mit Belüftung (Pa. Ein, Pa. Drei)

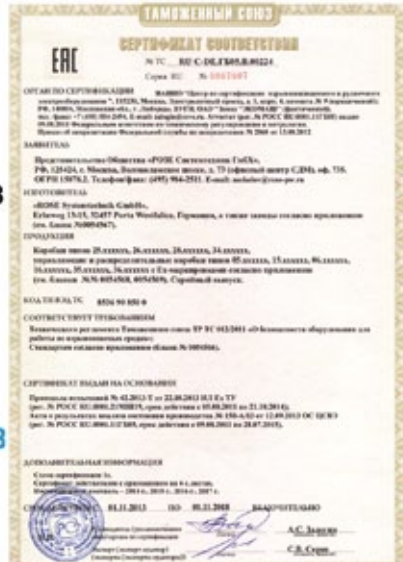
-20 °C bis +130 °C mit Belüftung (Pa. Ein, Pa. Drei)

-20 °C bis +130 °C mit Belüftung (Pa. Ein, Pa. Drei)

-20 °C bis +130 °C mit Belüftung (Pa. Ein, Pa. Drei)

-20 °C bis +130 °C mit Belüftung (Pa. Ein, Pa. Drei)

-20 °C bis +130 °C mit Belüftung (Pa. Ein, Pa. Drei)



ROSE Ex products are in accordance to the European ATEX standards and worldwide IECEx guidelines:

EN/IEC 60079-0, EN/IEC 60079-1, EN/IEC 60079-7, EN/IEC 60079-11, EN/IEC 60079-18 und EN/IEC 60079-31.

Explosion protection:

- Ex e (increased safety)
- Ex ia (intrinsic safety) and
- Ex d (flameproof encapsulation)

1. Ex e / Ex ia Junction boxes / Ex Empty enclosures



Stainless steel enclosures

- Top quality for highest requirements
- More than 40 different versions
- Available in standard, flange and hinged version

Polyester enclosures

- Sturdy construction for outdoor and indoor application
- Standard and flange versions
- More than 50 different sizes and variations



Aluminium enclosures

- More than 40 different sizes

Ex Stainless steel enclosures



- High-quality enclosure systems for aggressive areas according ATEX and IECEx-directives
- Empty enclosures for individual fittings and Ex e / Ex ia junction boxes
- Optional version with window
- Temperature classes T6 / T5 / T4



Technical Data

Explosion protection

Ex II 2 G

Ex II 2 D

Ex e II T6 (increased safety)

Ex ia IIC T6 (intrinsic safety)

Ex e(ia) IIC T6 (mixed fitting)

Certificates

IECEx PTB 07.0059U, PTB 00 ATEX 1101U, INMETRO MC AEX-8298-U, TR/TS

IECEx PTB 07.0060, PTB 00 ATEX 1052, INMETRO MC AEX-8504-X, TR/TS

S-XPL/12.0777; further approvals on request

Material

Stainless Steel 1.25 mm or 1.5 mm 1.4404 / 316L

Surface

grinded, grain 240

Ingress protection

IP 66 to EN 60529

Impact resistance

7 Joule to EN 60079-0

Temperature range

-20°C to +40°C (corresponds T6 = 85°C max. surface temperature)

-20°C to +55°C (corresponds T5 = 100°C max. surface temperature)

-20°C to +90°C (corresponds T4 = 135°C max. surface temperature)

to -55°C with special marking on request

Included in delivery

Empty enclosure:

Enclosure with silicone seal and external earth connection

Junction box:

Enclosure system - depending on version with silicone seal, continuity plate, DIN rails, internal earthing connection, terminals, manufacturing, cable glands
Mounting set order separately

Product range

Order No.			
Ex e	Ex ia	empty enclosures	dimensions (mm) H x W x D
35.10 10 06	36.10 10 06	34.10 10 06	100 x 100 x 61
35.15 10 06	36.15 10 06	34.15 10 06	100 x 150 x 61
35.20 10 06	36.20 10 06	34.20 10 06	100 x 200 x 61
35.15 15 08	36.15 15 08	34.15 15 08	150 x 150 x 81
35.30 15 08	36.30 15 08	34.30 15 08	150 x 300 x 81
35.40 15 08	36.40 15 08	34.40 15 08	150 x 400 x 81
35.20 20 08	36.20 20 08	34.20 20 08	200 x 200 x 81
35.20 20 12	36.20 20 12	34.20 20 12	200 x 200 x 121
35.30 20 08	36.30 20 08	34.30 20 08	200 x 300 x 81
35.30 20 12	36.30 20 12	34.30 20 12	200 x 300 x 121
35.40 20 12	36.40 20 12	34.40 20 12	200 x 400 x 121
35.60 20 12	36.60 20 12	34.60 20 12	200 x 600 x 121
35.30 30 12	36.30 30 12	34.30 30 12	300 x 300 x 121
35.30 30 16	36.30 30 16	34.30 30 16	300 x 300 x 161
35.40 30 16	36.40 30 16	34.40 30 16	300 x 400 x 161
35.50 30 16	36.50 30 16	34.50 30 16	300 x 500 x 161
35.38 38 16	36.38 38 16	34.38 38 16	380 x 380 x 161
35.50 40 16	36.50 40 16	34.50 40 16	400 x 500 x 161
35.99 99 99	36.99 99 99	34.99 99 99	special size on request

Accessories

Type	DIN rail* TS 35	PE bar	external mounting brackets	mounting plates
34/35/36.10 10 06	•	•	•	•
34/35/36.15 10 06	•	•	•	•
34/35/36.15 15 08	•	•	•	•
34/35/36.20 10 06	•	•	•	•
34/35/36.20 20 08	•	•	•	•
34/35/36.20 20 12	•	•	•	•
34/35/36.30 15 08	•	•	•	•
34/35/36.30 20 08	•	•	•	•
34/35/36.30 20 12	•	•	•	•
34/35/36.30 30 12	•	•	•	•
34/35/36.30 30 16	•	•	•	•
34/35/36.38 38 16	•	•	•	•
34/35/36.40 15 08	•	•	•	•
34/35/36.40 20 12	•	•	•	•
34/35/36.40 30 16	•	•	•	•
34/35/36.50 30 16	•	•	•	•
34/35/36.50 40 16	•	•	•	•
34/35/36.60 20 12	•	•	•	•

* TS 32 on request

External mounting brackets (set = 4 pcs.)	37.10 50 00
Mounting set (screws, sealing washer, nuts)	37.99 00 01
External hinge set (2 pcs.)	37.00 00 02

Ex Stainless steel flange enclosures ProtEx



- Top quality stainless steel flange enclosure for aggressive environments
- Empty enclosure for individual fittings or Ex e / Ex ia junction box
- Standard with 1 flange, optional up to 4 flanges
- Welded mounting brackets
- Standard version grinded, optional electro-polished or painted



Technical Data

Explosion protection

⊕ II 2 G

⊕ II 2 D

Ex e II T6 (increased safety)

Ex ia IIC T6 (intrinsic safety)

Ex e (ia) IIC T6 (mixed fitting)

Certificates

IECEX PTB 07.0059U, PTB 00 ATEX 1101U, INMETRO MC AEX-8298-U, TR/TS

IECEX PTB 07.0060, PTB 00 ATEX 1052, INMETRO MC AEX-8504-X, TR/TS

S-XPL/12.0777; further approvals on request

Material

Stainless steel 1,5 mm, 1.4404/316L, flange plate: 3,0 mm, 1.4404/316L

Surface

Standard version grinded, optional electro-polished or painted

Ingress protection

IP 66 to EN 60529

Impact resistance

7 Joule to EN 60079-0

Temperature range

-20°C to +40°C (corresponds T6 = 85°C max. surface temperature)

-20°C to +55°C (corresponds T5 = 100°C max. surface temperature)

-20°C to +90°C (corresponds T4 = 135°C max. surface temperature)

to -55°C with special marking on request

Included in delivery

Empty enclosure:

Enclosure with hinged lid, flange plates (3 mm) silicone lid seal, silicone flange seal, welded external brackets, external earth bolt M10, internal fixing bolts, from enclosure type 9 with lid lifting device

Junction box:

Enclosure system - as before with individual fitting, DIN rail, terminals, cable glands

Product range

Order No. Ex e	Ex ia	empty enclosure	enclosure size	no. of flanges	flange type side B	dimensions (mm) H x W x D
35.06 02 00	36.06 02 00	34.06 02 00	02	1	F2	260 x 260 x 205
35.06 03 00	36.06 03 00	34.06 03 00	03	1	F3	306 x 306 x 205
35.06 04 00	36.06 04 00	34.06 04 00	04	1	F2	380 x 260 x 205
35.06 05 00	36.06 05 00	34.06 05 00	05	1	F4	458 x 382 x 205
35.06 06 00	36.06 06 00	34.06 06 00	06	1	F6	480 x 480 x 205
35.06 07 00	36.06 07 00	34.06 07 00	07	1	F4	500 x 350 x 205
35.06 08 00	36.06 08 00	34.06 08 00	08	1	F6	620 x 450 x 205
35.06 09 00	36.06 09 00	34.06 09 00	09	1	F7	740 x 550 x 205
35.06 10 00	36.06 10 00	34.06 10 00	10	1	F6	762 x 508 x 205
35.06 11 00	36.06 11 00	34.06 11 00	11	2	F3	860 x 640 x 205
35.06 12 00	36.06 12 00	34.06 12 00	12	2	F3	914 x 610 x 205
35.06 13 00	36.06 13 00	34.06 13 00	13	2	F4	980 x 740 x 205

electro-polished version: 34/35/36.04 xx xx

Accessories

Order No.	
34.06 50 02	Blind flange F1 165 x 139 fitting area
34.06 50 03	Blind flange F2 211 x 139 fitting area
34.06 50 04	Blind flange F3 266 x 139 fitting area
34.06 50 05	Blind flange F4 310 x 139 fitting area
34.06 50 06	Blind flange F5 363 x 139 fitting area
34.06 50 07	Blind flange F6 405 x 139 fitting area
34.06 50 08	Blind flange F7 510 x 139 fitting area
34.06.50 09	Blind flange F8 645 x 139 fitting area
34.04 51 02	Mounting plate for type 02
34.04 51 03	Mounting plate for type 03
34.04 51 04	Mounting plate for type 04
34.04 51 05	Mounting plate for type 05
34.04 51 06	Mounting plate for type 06
34.04 51 07	Mounting plate for type 07
34.04 51 08	Mounting plate for type 08
34.04 51 09	Mounting plate for type 09
34.04 51 10	Mounting plate for type 10
34.04 51 11	Mounting plate for type 11
34.04 51 12	Mounting plate for type 12
34.04 51 13	Mounting plate for type 13

Version with rain protection roof and document case on request
Rail fixing set on request

Ex Stainless steel cabinets IGS



- High-quality enclosure systems for aggressive areas according ATEX and IECEx-directives
- Empty enclosures for individual fittings and Ex e / Ex ia junction boxes
- With covered hinges and double ward locks
- Temperature classes T6 / T5 / T4



Technical Data

Explosion protection

Ex II 2 G

Ex II 2 D

Ex e II T6 (increased safety)

Ex ia IIC T6 (intrinsic safety)

Ex e(ia) IIC T6 (mixed fitting)

Certificates

IECEx PTB 07.0059U, PTB 00 ATEX 1101U, INMETRO MC AEX-8298-U, TR/TS

IECEx PTB 07.0060, PTB 00 ATEX 1052, INMETRO MC AEX-8504-X, TR/TS

S-XPL/12.0777; further approvals on request

Material

Stainless steel 1.25 mm or 1.5 mm, 14301/304, 1.4404/316L on request

Surface

grinded, grain 240

Ingress protection

IP 66 to EN 60529

Impact resistance

7 Joule to EN 60079-0

Temperature range

-20°C to +40°C (corresponds T6 = 85°C max. surface temperature)

-20°C to +55°C (corresponds T5 = 100°C max. surface temperature)

-20°C to +90°C (corresponds T4 = 135°C max. surface temperature)

to -55°C with special marking on request

Included in delivery

Empty enclosure:

Enclosure with hinged lid, double ward lock, silicone seal and external earth connection.

Junction box:

depending on design with hinged lid, double ward lock, silicone seal, external earth, DIN rail, internal earth connection, terminals, machining, cable glands.

Mounting set order separately

Product range

Order No.			
Ex e	Ex ia	empty enclosures	dimensions (mm) H x W x D
35.00 22 09	36.00 22 09	34.00 22 09	250 x 200 x 97
35.00 22 15	36.00 22 15	34.00 22 15	250 x 200 x 157
35.00 32 09	36.00 32 09	34.00 32 09	250 x 350 x 97
35.00 33 16	36.00 33 16	34.00 33 16	300 x 300 x 167
35.00 53 16	36.00 53 16	34.00 53 16	300 x 500 x 167
35.00 63 16	36.00 63 16	34.00 63 16	300 x 600 x 167
35.00 44 16	36.00 44 16	34.00 44 16	380 x 380 x 167
35.00 44 21	36.00 44 21	34.00 44 21	380 x 380 x 217
35.00 64 21	36.00 64 21	34.00 64 21	380 x 600 x 217
35.00 99 99	36.00 99 99	34.00 99 99	special size on request

Accessories

Type	DIN rail* TS35	PE bar	external mounting brackets	mounting plates
34/35/36.00 22 09	•	•	•	•
34/35/36.00 22 15	•	•	•	•
34/35/36.00 32 09	•	•	•	•
34/35/36.00 33 16	•	•	•	•
34/35/36.00 44 16	•	•	•	•
34/35/36.00 44 21	•	•	•	•
34/35/36.00 53 16	•	•	•	•
34/35/36.00 63 16	•	•	•	•
34/35/36.00 64 21	•	•	•	•

* TS 32 on request

External mounting brackets (set = 4 pcs.)	37.10 50 00
Mounting set (screws, sealing washer, nuts)	37.99 00 01

Ex Polyester CombiBox



- Polyester GRP enclosure systems for Ex application
- Application: Ex junction boxes, Ex Control Stations
- Two level fitting possibility
- Easy wall mounting by partitional open screw channel



Technical data

Explosion protection

Ex II 2 G

Ex II 2 D

Ex e II T6 (increased safety)

Ex ia IIC T6 (intrinsic safety)

Ex e (ia) IIC T6 (mixed fitting)

Certificates

IECEX PTB 08.0003U, PTB 01 ATEX 1061U, INMETRO MC AEX-8296-U, TR/TS

IECEX PTB 08.0004, PTB 00 ATEX 1002, INMETRO MC AEX-8503-X, TR/TS

S-XPL/12.0778; further approvals on request

Material

glass fibre reinforced duroplastic polyester with graphite added

Colour

RAL 9011, graphite black

Ingress protection

IP 66 to EN 60529

Impact resistance

7 Joule to EN 60079-0

Flammability

self-extinguishing, UL 94 V-0

Surface resistance

<10⁹ Ohm to IEC 60093

Toxicity

halogen-free

Temperature range

-20°C to +40°C (corresponds T6 = 85°C max. surface temperature)

-20°C to +55°C (corresponds T5 = 100°C max. surface temperature)

-20°C to +90°C (corresponds T4 = 135°C max. surface temperature)

to -55°C with special marking on request

Included in delivery

Empty enclosure:

Base and top with silicon seal, internal fixing, sleeves for base mounting, 4 polyamide system elements for individual height adjustment

Junction box:

Enclosure system -as before- with individual fitting, DIN rails, terminals, cable glands

Product range

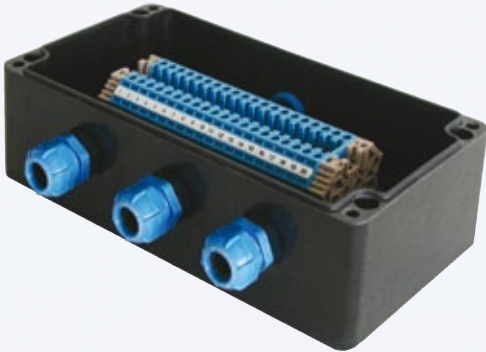
Order No.				
Ex e junction box Control Station	Ex ia junction box	empty enclosure	type	dimensions (mm) H x W x D
Order No.				
06.01 22 15	16.01 22 15	26.01 22 15	CombiBox 1	177 x 177 x 145
06.01 24 15	16.01 24 15	26.01 24 15	CombiBox 2	360 x 177 x 145
06.01 44 15	16.01 44 15	26.01 44 15	CombiBox 3	360 x 360 x 145

Accessories

Order No.	
02.01 99 02	CombiBox 1 mounting frame 177 x 177 mm
02.01 99 03	CombiBox 2 mounting frame 177 x 360 mm
02.01 99 04	CombiBox 3 mounting frame 360 x 360 mm
02.01 99 05	Mounting frame fastening set
02.01 99 06	Lid safety strip
02.01 99 07	Spread insert set
02.01 99 10	Mounting plate CombiBox 1
02.01 99 11	Mounting plate CombiBox 2
02.01 99 12	Mounting plate CombiBox 3
10.10 00 01	CombiBox 1 continuity plate 177 x 177 mm
10.10 00 02	CombiBox 2 continuity plate 177 x 360 mm
10.06 80 03	PE bar 177 mm along
10.06 80 04	PE bar 177 mm across
10.06 80 05	PE bar 360 mm along
10.06 80 06	PE bar 360 mm across
10.06 14 85	DIN rail TS 35/ 7.5, 160 mm
10.06 14 86	DIN rail TS 35/ 7.5, 110 mm
10.06 14 87	DIN rail TS 35/ 7.5, 145 mm
10.06 14 88	DIN rail TS 35/ 7.5, 293 mm
10.06 14 94	Bearer plate 110 mm
10.06 14 95	Bearer plate 360 mm
10.06 14 96	Bearer plate 360 mm long
26.01 99 01	Flange



Ex Polyester enclosures



- Glass fibre reinforced polyester enclosure system for application in all Ex areas
- Empty enclosures for individual fittings and Ex e / Ex ia junction boxes
- Optional version with window
- Temperature classes T6 / T5 / T4



Technical Data

Explosion protection

Ex II 2 G

Ex II 2 D

Ex e II T6 (increased safety)

Ex ia IIC T6 (intrinsic safety)

Ex e(ia) IIC T6 (mixed fitting)

Certificates

IECEX PTB 08.0003U, PTB 01 ATEX 1061U, INMETRO MC AEX-8296-U, TR/TS

IECEX PTB 08.0004, PTB 00 ATEX 1002, INMETRO MC AEX-8503-X, TR/TS

S-XPL/12.0778; further approvals on request

Material

glass fibre reinforced duroplastic polyester, graphite added

Colour

RAL 9011, graphite black

Ingress protection

IP 66 to EN 60529

Impact resistance

7 Joule to EN 60079-0

Flammability

self-extinguishing, UL 94 V-0

Surface resistance

<10⁹ Ohm to IEC 60093

Toxicity

halogen-free

Temperature range

-20°C to +40°C (corresponds T6 = 85°C max. surface temperature)

-20°C to +55°C (corresponds T5 = 100°C max. surface temperature)

-20°C to +90°C (corresponds T4 = 135°C max. surface temperature)

to -55°C with special marking on request

Included in delivery

Empty enclosure:

Enclosure system with silicone seal

Junction box:

Enclosure system - depending on version

with silicone seal, DIN rails, internal

earthing connection, terminals, continuity

plate, manufacturing, cable glands

Product range

Order No.			
Ex e	Ex ia	empty enclosures	dimensions (mm) H x W x D
06.08 08 06	16.08 08 06	26.08 08 06	75 x 80 x 56
06.08 08 08	16.08 08 08	26.08 08 08	75 x 80 x 75
06.08 11 06	16.08 11 06	26.08 11 06	75 x 110 x 56
06.08 11 08	16.08 11 08	26.08 11 08	75 x 110 x 75
06.08 16 06	16.08 16 06	26.08 16 06	75 x 160 x 56
06.08 16 08	16.08 16 08	26.08 16 08	75 x 160 x 75
06.08 19 06	16.08 19 06	26.08 19 06	75 x 190 x 56
06.08 19 08	16.08 19 08	26.08 19 08	75 x 190 x 75
06.08 23 06	16.08 23 06	26.08 23 06	75 x 230 x 56
06.08 23 08	16.08 23 08	26.08 23 08	75 x 230 x 75
06.12 12 09	16.12 12 09	26.12 12 09	120 x 122 x 91
06.12 22 09	16.12 22 09	26.12 22 09	120 x 220 x 91
06.16 16 09	16.16 16 09	26.16 16 09	160 x 160 x 91
06.16 26 09	16.16 26 09	26.16 26 09	160 x 260 x 91
06.16 36 09	16.16 36 09	26.16 36 09	160 x 360 x 91
06.16 56 09	16.16 56 09	26.16 56 09	160 x 560 x 91
06.25 26 12	16.25 26 12	26.25 26 12	250 x 255 x 121
06.25 26 16	16.25 26 16	26.25 26 16	250 x 255 x 161
06.25 40 12	16.25 40 12	26.25 40 12	250 x 400 x 121
06.25 40 16	16.25 40 16	26.25 40 16	250 x 400 x 161
06.25 60 12	16.25 60 12	26.25 60 12	250 x 600 x 121
06.36 36 09	16.36 36 09	26.36 36 09	360 x 360 x 91
06.41 40 12	16.41 40 12	26.41 40 12	405 x 400 x 121
06.41 40 20	16.41 40 20	26.41 40 20	405 x 400 x 201

Accessories

Type	DIN rail* TS 15 TS 35	PE bar	PE bus bar	allen lid screws	sealable lid screws	external mounting brackets	external hinge	continuity plate	mounting plate
06/16/26.08 08 06	•		•	•	•	•		•	2,0
06/16/26.08 08 08	•		•	•	•	•		•	2,0
06/16/26.08 11 06	•		•	•	•	•		•	2,0
06/16/26.08 11 08	•		•	•	•	•		•	2,0
06/16/26.08 16 06	•		•	•	•	•		•	2,0
06/16/26.08 16 08	•		•	•	•	•		•	2,0
06/16/26.08 19 06	•		•	•	•	•		•	2,0
06/16/26.08 19 08	•	•	•	•	•	•		•	2,0
06/16/26.08 23 06	•		•	•	•	•		•	-
06/16/26.08 23 08	•		•	•	•	•		•	-
06/16/26.12 12 09		•	•	•	•	•	•	•	1,5
06/16/26.12 22 09		•	•	•	•	•	•	•	1,5
06/16/26.16 16 09	•	•	•	•	•	•	•	•	1,5
06/16/26.16 26 09	•	•	•	•	•	•	•	•	1,5
06/16/26.16 36 09	•	•	•	•	•	•	•	•	1,5
06/16/26.16 56 09	•	•	•	•	•	•	•	•	2,0
06/16/26.25 26 12	•	•	•	•	•	•	•	•	2,0
06/16/26.25 26 16	•	•	•	•	•	•	•	•	2,0
06/16/26.25 40 12	•	•	•	•	•	•	•	•	2,0
06/16/26.25 40 16	•	•	•	•	•	•	•	•	2,0
06/16/26.25 60 12	•	•	•	•	•	•	•	•	2,0
06/16/26.36 36 09	•	•	•	•	•	•	•	•	2,0
06/16/26.41 40 12	•	•	•	•	•	•	•	•	2,0
06/16/26.41 40 20	•	•	•	•	•	•	•	•	2,0

* TS 32 on request

External mounting brackets (4 pcs.) for xx.08 08 06 bis xx.08 23 08	10.03 11 01
External mounting brackets (4 pcs.) from xx.12 12 09	10.03 11 02
External hinge (pair) from xx.12 12 09	10.02 70 01

For further technical informations see page 128 ff

Ex Polyester flange enclosures



- Empty enclosures with EC type examination certification for individual fittings
- Junction boxes for increased safe guards and intrinsic safety
- Optional combining with other polyester flange enclosures
- Optional: Lid with transparent window
- Temperature classes T6 / T5



Technical Data

Explosion protection

Ex II 2 G

Ex II 2 D

Ex e II T6 (increased safety)

Ex ia IIC T6 (intrinsic safety)

Ex e(ia) IIC T6 (mixed fitting)

Certificates

IECEX PTB 08.0003U, PTB 01 ATEX 1061U, INMETRO MC AEX-8296-U, TR/TS

IECEX PTB 08.0004, PTB 00 ATEX 1002, INMETRO MC AEX-8503-X, TR/TS

S-XPL/12.0778; further approvals on request

Material

glass fibre reinforced duroplastic polyester, graphite added

Colour

RAL 9011, graphite black

Ingress protection

IP 65 to EN 60529

Impact resistance

7 Joule to EN 60079-0

Flammability

self-extinguishing, UL 94 V-0

Surface resistance

<10⁹ Ohm to IEC 60093

Toxicity

halogen-free

Temperature range

-20°C to +40°C (corresponds T6 = 85°C max. surface temperature)

-20°C to +55°C (corresponds T5 = 100°C max. surface temperature)

to -55°C with special marking on request

Included in delivery

Empty enclosure:

Enclosure system with blind flange and silicone lid seal, polyurethane seal

Junction box:

Enclosure system - depending on version either with silicone seal, continuity plate, DIN rails, internal earthing connection, terminals, manufacturing, cable glands

Product range

Order No.

Ex e	Ex ia	empty enclosures	no. of flanges	dimensions (mm) H x W x D
06.14 01 00	16.14 01 00	26.14 01 00	2	170 x 270 x 136
06.14 02 00	16.14 02 00	26.14 02 00	4	270 x 270 x 136
06.14 03 00	16.14 03 00	26.14 03 00	6	270 x 541 x 136

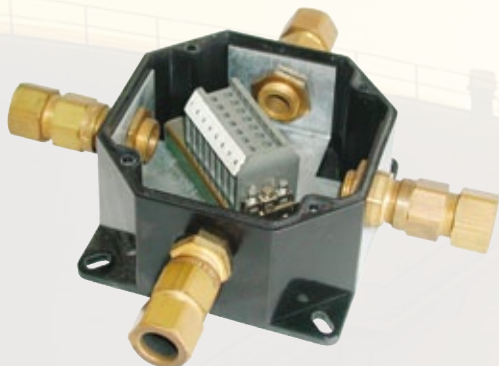
Accessories

Type	DIN rail* TS35	PE bar	external mounting brackets	continuity plate brass	internal hinge	mounting plate
06/16/26.14 01 00	•	•	•	•	•	•
06/16/26.14 02 00	•	•	•	•	•	•
06/16/26.14 03 00	•	•	•	•	•	•

* TS 32 on request

External mounting brackets (4 pcs.)	10.03 11 02
Internal hinge (pair) from xx.12 12 09	14.00 00 26
Threaded insert set (10 pcs.)	10.03 50 02
Blind flange incl. fastening wedges	06.14 00 20
Connecting flange incl. fastening wedges	06.14 00 25
Continuity plate brass for blind flange	10.01 60 01
Mounting plate for xx.14 01 00	14.00 00 11
Mounting plate for xx.14 02 00	14.00 00 12
Mounting plate for xx.14 03 00	14.00 00 13

Ex Polyester Okta Box



- Glass fibre reinforced polyester enclosure system for applications in all Ex-areas
- Empty enclosures for individual fittings and Ex e / Ex ia junction boxes
- Enclosures with external fixing brackets
- Temperature classes T6 / T5 / T4



Technical Data

Explosion protection

Ex II 2 G

Ex II 2 D

Ex e II T6 (increased safety)

Ex ia IIC T6 (intrinsic safety)

Ex e(ia) IIC T6 (mixed fitting)

Certificates

IECEx PTB 08.0003U, PTB 01 ATEX 1061U, INMETRO MC AEX-8296-U, TR/TS

IECEx PTB 08.0004, PTB 00 ATEX 1002, INMETRO MC AEX-8503-X, TR/TS

S-XPL/12.0778; further approvals on request

Material

glass fibre reinforced duroplastic polyester, graphite added

Colour

RAL 9011, graphite black

Ingress protection

IP 66 to EN 60529

Impact resistance

7 Joule to EN 60079-0

Flammability

self-extinguishing, UL 94 V-0

Surface resistance

<10⁹ Ohm to IEC 60093

Toxicity

halogen-free

Temperature range

-20°C to +40°C (corresponds T6 = 85°C max. surface temperature)

-20°C to +55°C (corresponds T5 = 100°C max. surface temperature)

-20°C to +90°C (corresponds T4 = 135°C max. surface temperature)

to -55°C with special marking on request

Included in delivery

Empty enclosure:

Enclosure with silicone seal

Junction box:

Enclosure system - depending on version either with silicone seal, continuity plate, DIN rails, internal earthing connection, terminals, manufacturing, cable glands

Product range

Order No.			
Ex e	Ex ia	empty enclosures	dimensions (mm) H x W x D
06.88 01 00	16.88 01 00	26.88 01 00	81 x 81 x 75
06.88 02 00	16.88 02 00	26.88 02 00	121 x 121 x 75
06.88 03 00	16.88 03 00	26.88 03 00	161 x 161 x 93
06.88 04 00	16.88 04 00	26.88 04 00	201 x 201 x 121

Accessories

Type	DIN rail* TS 15	TS 35	sheath clamp	allen lid screw	continuity plate
06/16/26.88 01 00	•		•	•	•
06/16/26.88 02 00	•	•	•	•	
06/16/26.88 03 00	•	•	•	•	•
06/16/26.88 04 00	•	•	•	•	•

* TS 32 on request

Ex Polyester cabinets Polyglas



- Glass fibre reinforced polyester enclosure system for application in all Ex areas
- Empty enclosures for individual fittings and Ex e / Ex ia junction box
- Enclosures with hinged door for individual fittings
- Temperature classes T6 / T5



Technical Data

Explosion protection

Ex II 2 G

Ex II 2 D

Ex e II T6 (increased safety)

Ex ia IIC T6 (intrinsic safety)

Ex e(ia) IIC T6 (mixed fitting)

Certificates

IECEX PTB 08.0003U, PTB 01 ATEX 1061U, INMETRO MC AEX-8296-U, TR/TS

IECEX PTB 08.0004, PTB 00 ATEX 1002, INMETRO MC AEX-8503-X, TR/TS

S-XPL/12.0778; further approvals on request

Material

glass fibre reinforced duroplastic polyester, graphite added

Colour

RAL 9011, graphite black

Ingress protection

IP 66 to EN 60529

Impact resistance

7 Joule to EN 60079-0

Flammability

self-extinguishing, UL 94 V-0

Surface resistance

<10⁹ Ohm to IEC 60093

Toxicity

halogen-free

Temperature range

-20°C to +40°C (corresponds T6 = 85°C max. surface temperature)

-20°C to +55°C (corresponds T5 = 100°C max. surface temperature)

to -55°C with special marking on request

Included in delivery

Empty enclosure:

Enclosure with silicone seal and square lock

Junction box:

Enclosure system - depending on version with

silicone seal, continuity plate,

with DIN rails, internal earthing

connections, terminals, manufacturing,

cable glands, square lock

key is not included in delivery; if required please order separately

Product range

Order No.			
Ex e	Ex ia	empty enclosures	dimensions (mm) H x W x D
06.20 20 00	16.20 20 00	26.20 20 00	200 x 200 x 168
06.20 30 00	16.20 30 00	26.20 30 00	200 x 300 x 168
06.30 40 00	16.30 40 00	26.30 40 00	405 x 305 x 202
06.40 60 00	16.40 60 00	26.40 60 00	605 x 405 x 252

Accessories

Type	DIN rail TS 35	mounting plate	external mounting brackets
Polyester cabinets „Mini-Polyglas“			
06/16/26.20 20 00	•	•	•
06/16/26.20 30 00	•	•	•
Polyester cabinets „Polyglas“			
06/16/26.30 40 00	•	•	•
06/16/26.40 60 00	•	•	•
External mounting brackets (4 pcs.) for xx.20 20 00 to xx.20 30 00			10.03 10 08
External mounting brackets (4 pcs.) from xx.30 40 00			10.03 10 09

Ex Polyester enclosures for mining



- Polyester enclosures with impact resistance of 20 Joule
- Empty enclosures for individual fittings
- Silicone seal and allen lid screws



Technical Data

Explosion protection

⊕ I M 1 Ex ia I

⊕ I M 2 Ex e I

Certificates

IBExU, 06 ATEX 1065U

Material

glass fibre reinforced duroplastic polyester, graphite added

Colour

RAL 9011, graphite black

Ingress protection

IP 54 to EN 60529

Impact resistance

20 Joule to EN 60079-0

Flammability

self-extinguishing, UL 94 V-0

Surface resistance

<10⁹ Ohm to IEC 60093

Toxicity

halogen-free

Temperature range

-55°C to +100°C

Included in delivery

Empty enclosure:

Enclosure system with silicone seal

Junction box:

Enclosure system - depending on version with silicone seal, DIN rails, internal earthing connection, terminals, continuity plate, manufacturing, cable glands

Product range

Order No.	dimensions (mm) H x W x D
48.08 11 06	75 x 110 x 56
48.08 16 06	75 x 160 x 56
48.08 19 06	75 x 190 x 56
48.12 12 09	120 x 122 x 91
48.12 22 09	120 x 220 x 91
48.16 16 09	160 x 160 x 91
48.16 26 09	160 x 260 x 91
48.16 36 09	160 x 360 x 91
48.25 26 12	250 x 255 x 121
48.25 40 12	250 x 400 x 121
48.25 60 12	250 x 600 x 121

Accessories

Typ	DIN rail* TS 15 TS 35	PE bar	PE bus bar	allen lid screws	sealable lid screws	external mounting brackets	external hinge	continuity plate	mounting plate
48.08 08 06	•		•	•	•	•		•	2,0
48.08 08 08	•		•	•	•	•		•	2,0
48.08 11 06	•		•	•	•	•		•	2,0
48.08 11 08	•		•	•	•	•		•	2,0
48.08 16 06	•		•	•	•	•		•	2,0
48.08 16 08	•		•	•	•	•		•	2,0
48.08 19 06	•		•	•	•	•		•	2,0
48.08 19 08	•	•	•	•	•	•		•	2,0
48.12 12 09	•		•	•	•	•	•	•	1,5
48.12 22 09	•		•	•	•	•	•	•	1,5
48.16 16 09	•	•		•	•	•	•	•	1,5
48.16 26 09	•	•		•	•	•	•	•	1,5
48.16 36 09	•	•		•	•	•	•	•	1,5
48.16 56 09	•	•		•	•	•	•	•	2,0
48.25 26 12	•	•		•	•	•	•	•	2,0
48.25 26 16	•	•		•	•	•	•	•	2,0
48.25 40 12	•	•		•	•	•	•	•	2,0
48.25 40 16	•	•		•	•	•	•	•	2,0
48.25 60 12	•	•		•	•	•	•	•	2,0
48.36 36 09	•	•		•	•	•	•	•	2,0
48.41 40 12	•	•		•	•	•	•	•	2,0
48.41 40 20	•	•		•	•	•	•	•	2,0

* TS 32 on request

External mounting brackets (4 pcs.) for 48.08 08 06 to 48.08 19 08

10.03 11 01

External mounting brackets (4 pcs.) from 48.12 12 09

10.03 11 02

External hinge (pair) from 48.12 12 09

10.02 70 01

Ex Aluminium enclosures



- Enclosure systems of diecast aluminium usable in all Ex-areas
- Empty enclosures for individual fittings or Ex e / Ex ia junction box
- Optional version with window
- Temperature classes T6 / T5 / T4



Technical Data

Explosion protection

⊕ II 2 G

⊕ II 2 D

Ex e II T6 (increased safety)

Ex ia IIC T6 (intrinsic safety)

Ex e(ia) IIC T6 (mixed fitting)

Certificates

IECEX PTB 08.0005U, PTB 98 ATEX 3101U, INMETRO MC AEX-8297-X, TR/TS

IECEX PTB 08.0006, PTB 00 ATEX 1063, INMETRO MC AEX-8502-X, TR/TS

S-XPL/12.0779; further approvals on request

Material

Aluminium diecast DIN EN 1706 EN AC-ALSi 12 (Fe)

Painting

Powder coating

Colour

RAL 7001, silver grey

Ingress protection

IP 66 to EN 60529

Impact resistance

7 Joule to EN 60079-0

Temperature range

-20°C to +40°C (corresponds T6 = 85°C max. surface temperature)

-20°C to +55°C (corresponds T5 = 100°C max. surface temperature)

-20°C to +90°C (corresponds T4 = 135°C max. surface temperature)

to -55°C with special marking on request

Included in delivery

Empty enclosure:

Enclosure with silicone seal and external earth connection

Junction box:

Enclosure system - depending on version either with silicone seal, external earthing, DIN rails, internal earthing connection, terminals, manufacturing, cable glands

Product range

Order No.			
Ex e	Ex ia	empty enclosures	dimensions (mm) H x W x D
05.06 06 03	15.06 06 03	25.06 06 03	64 x 58 x 34
05.06 10 03	15.06 10 03	25.06 10 03	64 x 98 x 34
05.06 15 03	15.06 15 03	25.06 15 03	64 x 150 x 34
05.08 08 06	15.08 08 06	25.08 08 06	80 x 75 x 57
05.08 13 06	15.08 13 06	25.08 13 06	80 x 125 x 57
05.08 18 06	15.08 18 06	25.08 18 06	80 x 175 x 57
05.08 25 05	15.08 25 05	25.08 25 05	80 x 250 x 52
05.10 10 08	15.10 10 08	25.10 10 08	100 x 100 x 81
05.10 16 08	15.10 16 08	25.10 16 08	100 x 160 x 81
05.10 20 08	15.10 20 08	25.10 20 08	100 x 200 x 81
05.12 12 08	15.12 12 08	25.12 12 08	120 x 122 x 81
05.12 12 09	15.12 12 09	25.12 12 09	120 x 122 x 91
05.12 22 08	15.12 22 08	25.12 22 08	120 x 220 x 81
05.12 22 09	15.12 22 09	25.12 22 09	120 x 220 x 91
05.12 36 08	15.12 36 08	25.12 36 08	120 x 360 x 81
05.14 14 09	15.14 14 09	25.14 14 09	140 x 140 x 91
05.14 20 09	15.14 20 09	25.14 20 09	140 x 200 x 91
05.16 16 09	15.16 16 09	25.16 16 09	160 x 160 x 91
05.16 26 09	15.16 26 09	25.16 26 09	160 x 260 x 91
05.16 36 09	15.16 36 09	25.16 36 09	160 x 360 x 91
05.16 56 09	15.16 56 09	25.16 56 09	160 x 560 x 91
05.18 18 10	15.18 18 10	25.18 18 10	180 x 180 x 101
05.18 28 10	15.18 28 10	25.18 28 10	180 x 280 x 101
05.23 10 11	15.23 10 11	25.23 10 11	230 x 100 x 111
05.23 28 11	15.23 28 11	25.23 28 11	230 x 280 x 111
05.23 33 11	15.23 33 11	25.23 33 11	230 x 330 x 111
05.23 33 18	15.23 33 18	25.23 33 18	230 x 330 x 181
05.23 40 11	15.23 40 11	25.23 40 11	230 x 400 x 111
05.23 40 23	15.23 40 23	25.23 40 23	230 x 400 x 225
05.23 60 11	15.23 60 11	25.23 60 11	230 x 600 x 111
05.23 20 11	15.23 20 11	25.23 20 11	232 x 202 x 111
05.23 20 18	15.23 20 18	25.23 20 18	232 x 202 x 181
05.31 60 11	15.31 60 11	25.31 60 11	310 x 600 x 111
05.31 60 18	15.31 60 18	25.31 60 18	310 x 600 x 181
05.31 40 14	15.31 40 14	25.31 40 14	312 x 403 x 141
05.31 40 11	15.31 40 11	25.31 40 11	313 x 404 x 111
05.31 40 18	15.31 40 18	25.31 40 18	313 x 404 x 181
05.31 40 23	15.31 40 23	25.31 40 23	313 x 404 x 227
05.60 60 20	15.60 60 20	25.60 60 20	600 x 600 x 202

Ex Aluminium enclosures

Accessories

Type	DIN rail*		PE bar	PE bus bar	allen lid screws	sealable lid screws	external mounting bracket	external hinges	internal hinges	mounting plate	SWB SBG SBGL
	TS 15	TS 35									
05/15/25.06 06 03					•	•					•
05/15/25.06 10 03	•				•	•					•
05/15/25.06 15 03	•				•	•					•
05/15/25.08 08 06	•			2	•	•	•			1,5	•
05/15/25.08 13 06	•			2	•	•	•			1,5	•
05/15/25.08 18 06	•			2	•	•	•			1,5	•
05/15/25.08 25 05	•			2	•	•	•				•
05/15/25.10 10 08	•	•			•	•	•	•		1,5	•
05/15/25.10 16 08	•	•			•	•	•	•		1,5	•
05/15/25.10 20 08	•	•			•	•	•	•		1,5	•
05/15/25.12 12 08	•			2	•	•	•	•		1,5	•
05/15/25.12 12 09	•			2	•	•	•	•		1,5	•
05/15/25.12 22 08	•			2	•	•	•	•		1,5	•
05/15/25.12 22 09	•			2	•	•	•	•		1,5	•
05/15/25.12 36 08	•			2	•	•	•	•		1,5	•
05/15/25.14 14 09	•		1		•	•	•	•		1,5	•
05/15/25.14 20 09	•			2	•	•	•	•		1,5	•
05/15/25.16 16 09	•		1		•	•	•	•	•	1,5	•
05/15/25.16 26 09	•		1		•	•	•	•	•	1,5	•
05/15/25.16 36 09	•		1		•	•	•	•	•	1,5	•
05/15/25.16 56 09	•		1		•	•	•	•	•	2,0	•
05/15/25.18 18 10	•		1		•	•	•	•	•	1,5	•
05/15/25.18 28 10	•		1		•	•	•	•	•	1,5	•
05/15/25.23 10 11	•			2	•	•	•	•	•	1,5	•
05/15/25.23 20 11	•		1		•	•	•	•	•	1,5	•
05/15/25.23 20 18	•		1		•	•	•	•	•	1,5	•
05/15/25.23 28 11	•		1		•	•	•	•	•	1,5	•
05/15/25.23 33 11	•		1		•	•	•	•	•	1,5	•
05/15/25.23 33 18	•		1		•	•	•	•	•	1,5	•
05/15/25.23 40 11	•		1		•	•	•	•	•	2,0	•
05/15/25.23 40 23	•		1		•	•	•	•	•	2,0	•
05/15/25.23 60 11	•		1		•	•	•	•	•	2,0	•
05/15/25.31 40 11	•		2		•	•	•	•	•	2,0	•
05/15/25.31 40 14	•		2		•	•	•	•	•	2,0	•
05/15/25.31 40 18	•		2		•	•	•	•	•	2,0	•
05/15/25.31 40 23	•		2		•	•	•	•	•	2,0	•
05/15/25.31 60 11	•		2		•	•	•	•	•	2,0	•
05/15/25.31 60 18	•		2		•	•	•	•	•	2,0	•
05/15/25.60 60 20	•		3							2,5	•

External mounting brackets (4 pcs.) for xx.08 08 06 to xx.10 20 08

10.03 11 01

External mounting brackets (4 pcs.) for xx.12 12 08 to xx.31 60 18

10.03 11 02

External hinges (pair) from xx.10 10 08

10.02 70 01

Internal hinges (pair) from xx.16 16 09

10.02 20 01

2. Ex Empty enclosures for Handheld applications



Beluga 180 Ex, Beluga 220 Ex

- Break-proof polyamide handheld enclosure with reduced surface resistance $<10^9$ Ohm
- Version with window or closed complete
- Ergonomic enclosure design

Beluga 380 Ex

- Break-proof polyamide handheld enclosure with reduced surface resistance $<10^9$ Ohm
- Huge area for Ex control devices



Fitting

- Individual customized fitting

Ex Polyamide Handheld enclosures Beluga



- Handheld enclosures as empty enclosure for Ex applications
- 3 enclosure sizes
- Optional version with display area



Technical Data

Explosion protection

Ex II 2 G

Ex e II

Certificates

PTB 02 ATEX 1076U, IECEx PTB 09.0019U

Material

Polyamide 12

Colour

RAL 9005, jet black

Ingress protection

IP 65 to EN 60529

Impact resistance

7 Joule to EN 60079-0

Flammability

UL 94 HB

Surface resistance

<10⁹ Ohm to IEC 60093

Temperature range

-20°C to +60°C

Included in delivery

Enclosure system with lid and base with seal
Version 0=open including display window and mounting material

Product range

Type	Order No.	dimensions (mm) H x W x D	max. display size in mm
Beluga 180 O-Ex	28.02 02 00	106/75 x 187 x 50	66 x 43
Beluga 180 G-Ex	28.02 02 01	106/75 x 187 x 50	
Beluga 220 O-Ex	28.02 04 00	116/85 x 220 x 51	79 x 50
Beluga 220 G-Ex	28.02 04 01	116/85 x 220 x 51	
Beluga 380 Ex	28.02 05 01	380 x 117 x 68	

Accessories

Hook set (B 180/B 220)	27.02 00 80
Hand strap (B 180/B 220)	27.02 00 83
Carrying strap (B 380)	27.02 05 80
Hand strap (B 380)	27.02 05 81
Wall holder set (B 380)	27.02 05 82
Spare display screen Ex Beluga 180	28.99 00 01
Spare display screen Ex Beluga 220	28.99 00 02

3. Ex Control Stations / Control equipment

Applications



Ex Control Stations / Control equipment



Push button stations Ex e

- Ex Push button station with 1 to 5 control devices acc. ATEX or IECEx and further approvals
- Material: Stainless steel, Polyester, Aluminium

Individual Control Stations Ex e

- Ex Control Stations acc. ATEX or IECEx and further approvals
- Individual fitting with switches, push buttons, pilote lamps or terminals
- Material: Stainless steel, Polyester, Polyamide, Aluminium



Ex e Control devices

- Switches, push buttons, pilote lamps for panel mounting or DIN rail mounting
- Execution: 22,5 mm or 30 mm diameter

Ex Control equipment

Control devices with diameter 22,5 mm



Technical Data

Explosion protection

Ⓔ ATEX

Certificates

INERIS 02.ATEX 9007-U; INERIS 04.ATEX 9003-U

Certification gas explosion protection

Zone1, 2: Ex II 2G Ex ed/em IIC T6

Connection technology

Screw terminals

Switchin capacity

AC 15: 240 V / 3 A

Temperature range

-20°C to +40°C

Product range



Push button

Plastic and metal version
with/without silicone boot
Contact N/O
Actuator colour white, black, green, red, yellow and blue



Mushroom push button, 40 mm head

Plastic and metal version
Contact N/O
Actuator colour black, green, red, yellow and blue



Push button

Metal version
Contact N/O
Actuator colour white, black, green, red, yellow and blue



Emergency stop button, 40 mm head

Plastic and metal version
with push pull, turn bolt fastener or key release
Contact N/O (actuator black) or N/C (actuator red)



Selector switch

Plastic and metal version
with 2 or 3 stay put
Standard or key switch
Contact N/O
Colour black



Selector switch

Plastic and metal version
with 2 or 3 stay put
Standard or key switch
Contact N/O
Colour black



Illuminated push button

Metal version
Version stay put or flush
Contact N/O or N/C (actuator red)
Actuator colour white, green, red, yellow and blue



Illuminated selector switch

Metal version
with 2 or 3 stay put
Contact N/O or N/C (actuator red)
Actuator colour white, green, red, yellow and blue



Pilot light

Plastic and metal version
Version stay put or flush
Contact N/O or N/C (actuator red)
Actuator colour white, green, red, yellow and blue

Ex Control equipment

Control devices with diameter 30 mm



Technical Data

Explosion protection

Ex ATEX

Certificates

PTB97 ATEX 1081U

Certification gas explosion protection

Zone1, 2: Ex II 2G Ex ed ia/ib IIC T6

Connection technology

Screw terminals

Switching capacity

AC 15: 400 V / 10 A

Temperature range

-55°C to +50°C

Product range



Push button

Plastic version
with / without silicone boot
Contact N/O
Actuator colour black, green, red and yellow



Emergency stop button, 40 mm head

Plastic version
Turn bolt fastener or key release
Colour red



Selection switch

Plastic version
with 2 or 3 stay put
Key switch
Colour black



Selection switch

Plastic version
with 2 or 3 stay put
Colour black

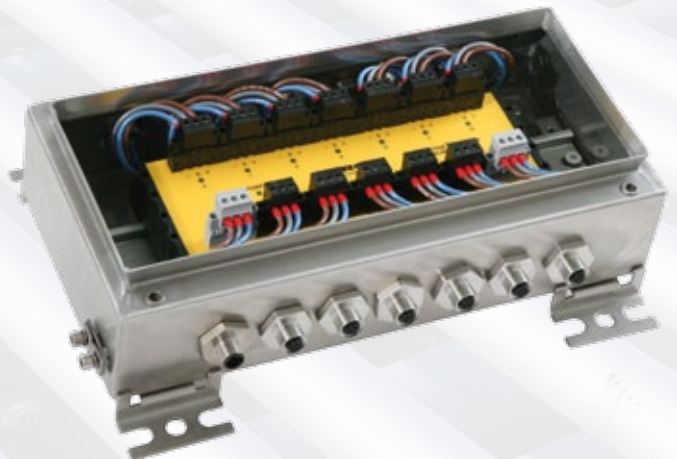
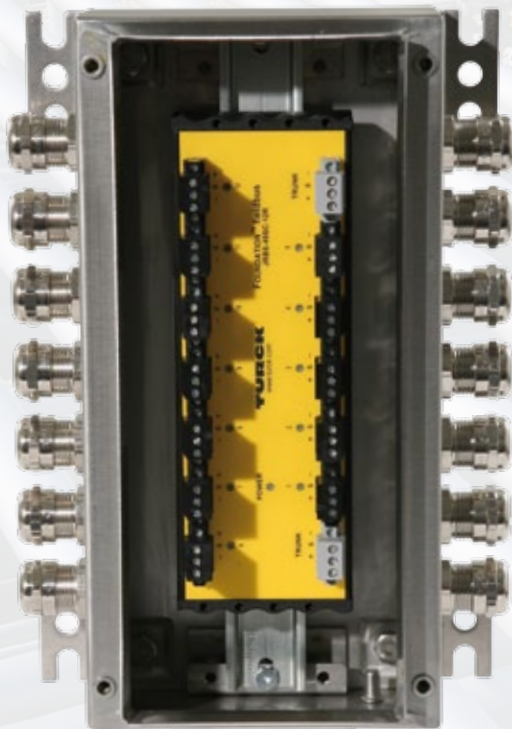


Pilot light

Plastic version
Actuator colour black, green, red and yellow

4. Ex Fieldbus enclosures

Ex Enclosure systems with fieldbus components and modules with approvals 2G and 3G



5. Ex d Enclosures, flame proof encapsulation



Ex Enclosure systems Ex d II B

- Ex d Enclosures ATEX or IECEx and further approvals for application in hazardous gas atmospheres II B with /for fitting of non Ex approved electrical/electrical equipment
- Material: Aluminium, stainless steel
- Sizes from 175 x 175 x 125 mm to 960 x 960 x 460 mm

Ex Enclosure systems Ex d II C

- Ex d Enclosures ATEX or IECEx and further approvals for application in hazardous gas atmospheres II C with /for fitting of non Ex approved electrical/electrical equipment
- Material: Aluminium, stainless steel
- Sizes from 135 x 135 x 108 mm to 600 x 600 x 334 mm



Ex d Instrumentation enclosures and Control Stations

- Small enclosure systems with switches, push buttons, pilotes lamps and displays
- Material: Aluminium

Ex d II B Flame proof enclosures EJB



- Ex d flame proof aluminium diecast enclosures for installation of non Ex approved equipment
- Possible combination of Ex e connection departments
- Execution II B



Technical Data

Explosion protection

⊕ II 2 G Ex dII B + H2

⊕ II 2 D Ex tD A21

Ex d, Ex d[ia] II B

Certificates

BKI 08 ATEX 019; IECEx BKI 09.0005; GOST-R: POCC IT.ГБ05.B02537; No. 07/43-269
Gost -K

Material

copper free aluminium (Cu < 0,1 %)

Colour

RAL 9006, grey

Ingress protection

IP 66 to EN 60529

Temperature range

Standard: -20°C to +40°C

Optional: -50°C to +130°C

Included in delivery

Enclosure system consisting of base and lid with screws, external earth connection, hinge, mounting plate and external brackets

Product range

Order No.	Type	Internal dimensions (mm) H x W x D	External dimensions (mm) H x W x D
40.00 20 01	EJB 11	115 x 115 x 90	175 x 175 x 125
40.00 20 02	EJB 21	217 x 175 x 122	285 x 245 x 169
40.00 20 03	EJB 22	240 x 140 x 130	300 x 200 x 177
40.00 20 04	EJB 30	340 x 245 x 120	415 x 315 x 168
40.00 20 05	EJB 31	340 x 245 x 200	415 x 315 x 250
40.00 20 06	EJB 51	495 x 295 x 203	568 x 365 x 257
40.00 20 07	EJB 61	595 x 395 x 310	670 x 470 x 360
40.00 20 08	EJB 63	595 x 395 x 184	670 x 470 x 235
40.00 20 09	EJB 71	645 x 445 x 360	742 x 572 x 425
40.00 20 10	EJB 91	830 x 530 x 370	960 x 660 x 460

Accessories

Optional internal painting: anticondensate painting orange RAL 2004

O-ring gaskets on cover

Glass window on cover

Drain plugs

Ex d II B Flame proof enclosures EJB INX



- Ex d Flame proof enclosures from material stainless steel for installation of non Ex approved equipment
- Possible combinations of Ex e connection departments
- Execution II B



Technical Data

Explosion protection

Ⓢ II 2 G Ex d II B + H2 T6

Ⓢ II 2 D tD A21

Ex d, Ex d[ia] II B

Certificates

BKI 08 ATEX 019; IECEX BKI 09.0005; GOST-R: POCC IT.ГБ05.В02537; No. 07/43-269
Gost-K

Material

Stainless steel AISI 316L

Ingress protection

IP 66 to EN 60529

Temperature range

Standard: -20°C to +40°C

Optional: -50°C to +130°C

Included in delivery

Enclosure system consisting of base and lid with screws, external earth connection, hinge, handle, mounting plate and external brackets.
Ex e connection department please order separately

Product range

Order No.	Type	Internal dimensions (mm) H x W x D	External dimensions (mm) H x W x D
40.00 24 01	EJB-21 INX	215 x 175 x 122	285 x 245 x 194
40.00 24 02	EJB-22 INX	230 x 130 x 177	300 x 200 x 218
40.00 24 03	EJB-30 INX	335 x 235 x 117	415 x 315 x 158
40.00 24 04	EJB-31 INX	335 x 235 x 180	415 x 315 x 223
40.00 24 05	EJB-51 INX	480 x 280 x 190	565 x 365 x 233
40.00 24 06	EJB-61 INX	590 x 390 x 290	670 x 470 x 344
40.00 24 07	EJB-63 INX	590 x 390 x 180	670 x 470 x 229
40.00 24 08	EJB-91 INX	843 x 543 x 364	960 x 660 x 431

Accessories

Optional internal painting: anticondensate painting orange RAL 2004

O-ring gaskets on cover

Glass window on cover

Drain plugs

Ex d II C Flame proof enclosures GUB



- Ex d flame proof enclosures from material aluminium for installation of non Ex approved equipment
- Possible combination of Ex e connection departments
- Execution II C



Technical Data

Explosion protection

⊕ II 2 G Ex D II C

⊕ II 2 D Ex tD A21

Ex d, Ex d[ia] II C

Certificates

BKI 08 ATEX 048; IECEX BKI 09.0004; GOST-R: POCC IT.ГБ05.В02537; No. 07/43-269

Gost-K

Material

copper free aluminium (Cu < 0,1 %)

Colour

RAL 9006, white aluminium

Ingress protection

IP 66 to EN 60529

Temperature range

without window: -60°C to +130°C

with window: -50°C to +80°C

Included in delivery

Enclosure system consisting of base and lid, external earth connection and mounting plate

Product range

Order No.	Type	Internal dimensions (mm) H x W x D	External dimensions (mm) H x W x D
40.00 22 01	GUE 1	110 x 110 x 51	135 x 135 x 110
40.00 22 02	GUB 0	140 x 140 x 80	168 x 168 x 140
40.00 22 03	GUB 1	170 x 170 x 90	198 x 198 x 150
40.00 22 05	GUB 03	248 x 273 x 125	280 x 305 x 225
40.00 22 06	GUB 23	243 x 280 x 102	270 x 310 x 180
40.00 22 07	GUB 4	390 x 390 x 150	420 x 420 x 284
40.00 22 08	GUB 5	550 x 550 x 210	600 x 600 x 334
40.00 22 09	GUBW 11	152 x 152 x 77	180 x 180 x 146
40.00 22 11	GUBW 03	248 x 273 x 125	280 x 305 x 235

Accessories

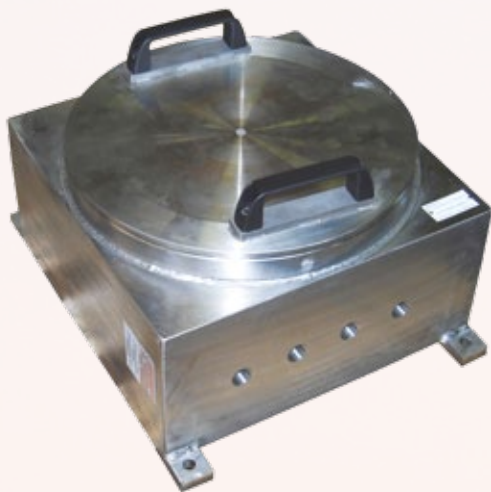
Optional internal painting: anticondensate painting orange RAL 2004

O-ring gaskets on cover

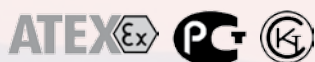
Glass window on cover

Drain plugs

Ex d II C Flame proof enclosures GUB INX



- Ex d flame proof enclosures for installation of non Ex approved equipment
- Possible combination of Ex e connection departments
- Execution II C



Technical Data

Explosion protection

⊕ II 2 G Ex d II C

⊕ II 2 D tD A21

Ex d, Ex d[ia] II C

Certificates

BKI 08 ATEX 048; GOST-R: POCC IT.ГБ05.В02537; KAZ No. 06-03/1598; Gost-K

Material

Stainless steel AISI 316L

Ingress protection

IP 66 to EN 60529

Temperature range

without window:

Standard: -20°C to +80°C

Optional: -60°C to +130°C

with window:

Standard: -50°C to +80°C

Included in delivery

Enclosure system consisting of base and lid, mounting plate and external earth connection
Please order Ex e connection department separately

Product range

Order No.	Type	External dimensions (mm) H x W x D
40.00 23 01	GUE 1 INX	135 x 135 x 108
40.00 23 02	GUB 0 INX	168 x 168 x 140
40.00 23 03	GUB 1 INX	198 x 198 x 150
40.00 23 04	GUB 02 INX	235 x 280 x 173
40.00 23 05	GUB 03 INX	280 x 305 x 225
40.00 23 06	GUB 23 INX	270 x 310 x 180
40.00 23 07	GUB 4 INX	420 x 420 x 284
40.00 23 08	GUB 5 INX	600 x 600 x 334
40.00 23 09	GUBW 11 INX	180 x 180 x 146
40.00 23 10	GUBW 2 INX	235 x 280 x 173
40.00 23 11	GUBW 3 INX	280 x 305 x 225

Accessories

Optional internal painting: anticondensate painting orange RAL 2004

Glass window on cover

Ex d II C Instrumentation enclosures EMH 9



- Ex d Instrumentation enclosures with window for installation of display instruments
- Material: Aluminium
- Execution II C



Technical Data

Explosion protection

Ex II 2 G Ex d II C

Ex II 2 D Ex tD A21

Certificates

INERIS 02 ATEX 0069X; GOST-R: POCC IT.ГБ05.В02537; GOST-K: No. 07/43-269

Material

copper free aluminium (Cu < 0,1 %)

Colour

RAL 9006, white aluminium

Ingress protection

IP 66 to EN 60529

Temperature range

-20°C to +52°C

Included in delivery

Enclosure system consisting of base and lid, mounting plate and external earth connection

Product range

Order No.	Type	Window Ø	External dimensions (mm) H x W x D
40.00 25 01	EMH 9.2	90	152 x 140 x 125
40.00 25 02	EMH 9.22	90	152 x 140 x 125
40.00 25 03	EMH 9.2V	90	152 x 140 x 125
40.00 25 04	EMH 9.22V	90	152 x 140 x 125

Accessories

Optional internal painting: anticondensate painting orange RAL 2004

Ex d II C Junction and distribution enclosures GUA-EAHF



- Ex d junction and distribution enclosures for installation of terminals
- Material: Aluminium
- Execution II C



Technical Data

Explosion protection

⊕ II 2 G Ex d II C

⊕ II 2 D Ex tD A21

Certificates

INERIS 03 ATEX 0048; GOST-R: ПООС ИТ.ГБ05.В02537; GOST-K: No. 07/43-269

Material

copper free aluminium (Cu < 0,1 %)

Colour

RAL 9006, withe aluminium

Ingress protection

IP 65 to EN 60529

Temperature range

-20°C to +40°C

Included in delivery

Enclosure system consisting of base and lid, mounting plate and external earth connection

Product range

Order No.	Type	Ø enclosure x internal depth (mm)	Ø enclosure x external depth (mm)
40.00 26 01	GUA 16	77 x 40	87 x 75
40.00 26 02	GUA 17	100 x 50	113 x 79
40.00 26 03	GUA 26	77 x 40	87 x 75
40.00 26 04	GUA 27	100 x 50	113 x 79
40.00 26 05	GUA 36	77 x 40	87 x 75
40.00 26 06	GUA 37	100 x 50	113 x 79
40.00 26 07	GUA 59	135 x 75	154 x 110
40.00 26 08	GUA 69	135 x 75	154 x 110
40.00 26 09	EAHF 26	77 x 61	87 x 79

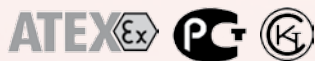
Accessories

Optional internal painting: anticondensate painting orange RAL 2004

Ex d II B Control Stations EFG



- Ex d Control Stations for individual fitting with switches, push button and for selector switches
- Material: Aluminium
- Execution II B



Technical Data

Explosion protection

⊕ II 2 G Ex d II B

⊕ II 2 D Ex tD A21

Ex d, Ex d[ia] II B

Certificates

INERIS 03 ATEX 0047; GOST-R: ПООС ИТ.ГБ05.В02538; GOST-K: No. 07/43-269

Material

copper free aluminium (Cu < 0,1 %)

Colour

RAL 9006, grey

Ingress protection

IP 65 to EN 60529

Temperature range

-20°C to +55°C

Included in delivery

Enclosure system consisting of base and lid, mounting plate and external earth connection

Product range

Order No.	Type	External dimensions (mm) H x W x D
40.00 27 01	EFG 6	195 x 130 x 100
40.00 27 02	EFG 10	370 x 145 x 100
40.00 27 03	EFG 12	430 x 145 x 100

Accessories

Optional internal painting: anticondensate painting orange RAL 2004

Ex d II B Selector switch stations EFSC218 M310



- Ex d Enclosure with 1 or 2 selector switches
- Ex d Enclosure with 3 pole fuse switch with 1 or 2 fuses
- Execution II B



Technical Data

Explosion protection

⊕ II 2 G Ex d II B

⊕ II 2 D Ex tD A21

Ex d, Ex d[ia] II B

Certificates

INERIS 03 ATEX 0047; GOST-R: POCC IT.ГБ05.В02538; GOST-K: No. 07/43-269

Temperature class

Gas: T5 / T4

Dust: T100°C / T125°C

Material

copper free aluminium (Cu < 0,1 %)

Colour

RAL 9006, grey

Ingress protection

IP 65 to EN 60529

Temperature range

-20°C to +55°C

Included in delivery

Enclosure system consisting of base and lid, switches, mounting plate and external earth connection

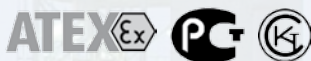
Product range

Order No.	Type	Execution	Dimensions (mm) H x W x D
40.00 27 10	EFSC218 M310	Selector switch, 2 switches, 500 V, 10 A	195 x 185 x 130
40.00 27 11	EFSC218 M310L	Selector switch, 1 switch, 1 padlock switch 500 V, 10 A	195 x 185 x 130
40.00 27 12	EFSC218 313V16	3 pole fuse switch 500 V, 2 x E16 delayed fuse, 16 A	195 x 185 x 130
40.00 27 13	EFSC218 313V25	3 pole fuse switch 500 V, 2 x E25 delayed fuse, 25 A	195 x 185 x 130

Ex d II B Circuit breaker and earth leakage circuit breaker stations EFSC218 GUS



- Ex d enclosures with circuit breaker 415 V, 6 kA
- Ex d enclosures with 2 to 4 pole execution for nominal currents 6-63 A
- Ex d enclosures with earth leakage circuit breakers, 230/400 V, 300 mA 1 PH+N - 3 PH+N
- Execution II B



Technical Data

Explosion protection

Ex II 2 G Ex d II B

Ex II 2 D Ex tD A21

Ex d, Ex d[ia] II B

Certificates

INERIS 03 ATEX 0047; GOST-R: POCC IT.ГБ05.В02538; GOST-K: No. 07/43-269

Temperature class

Gas: T5 / T4

Dust: T100°C / T125°C

Material

copper free aluminium (Cu < 0,1 %)

Colour

RAL 9006, grey

Ingress protection

IP 66 to EN 60529

Temperature range

-20°C to +55°C

Included in delivery

Enclosure system consisting of base and lid, switches, mounting plate and external earth connection

Product range

Order No.	Type	Execution	I/A	Dimensions (mm) H x W x D
40.00 27 14	EFSC218 GUSC 3206	Circuit breaker, 415 V, 6 kA, 2-pole	6 A	195 x 185 x 130
40.00 27 15	EFSC218 GUSC 3210	Circuit breaker, 415 V, 6 kA, 2-pole	10 A	195 x 185 x 130
40.00 27 16	EFSC218 GUSC 3216	Circuit breaker, 415 V, 6 kA, 2-pole	16 A	195 x 185 x 130
40.00 27 17	EFSC218 GUSC 3220	Circuit breaker, 415 V, 6 kA, 2-pole	20 A	195 x 185 x 130
40.00 27 18	EFSC218 GUSC 3225	Circuit breaker, 415 V, 6 kA, 2-pole	25 A	195 x 185 x 130
40.00 27 19	EFSC218 GUSC 3232	Circuit breaker, 415 V, 6 kA, 2-pole	32 A	195 x 185 x 130
40.00 27 20	EFSC218 GUSC 3240	Circuit breaker, 415 V, 6 kA, 2-pole	40 A	195 x 185 x 130
40.00 27 21	EFSC218 GUSC 3250	Circuit breaker, 415 V, 6 kA, 2-pole	50 A	195 x 185 x 130
40.00 27 22	EFSC218 GUSC 3263	Circuit breaker, 415 V, 6 kA, 2-pole	63 A	195 x 185 x 130
40.00 27 23	EFSC218 GUSC 3306	Circuit breaker, 415 V, 6 kA, 3-pole	6 A	195 x 185 x 130
40.00 27 24	EFSC218 GUSC 3310	Circuit breaker, 415 V, 6 kA, 3-pole	10 A	195 x 185 x 130
40.00 27 25	EFSC218 GUSC 3316	Circuit breaker, 415 V, 6 kA, 3-pole	16 A	195 x 185 x 130
40.00 27 26	EFSC218 GUSC 3320	Circuit breaker, 415 V, 6 kA, 3-pole	20 A	195 x 185 x 130
40.00 27 27	EFSC218 GUSC 3325	Circuit breaker, 415 V, 6 kA, 3-pole	25 A	195 x 185 x 130
40.00 27 28	EFSC218 GUSC 3332	Circuit breaker, 415 V, 6 kA, 3-pole	32 A	195 x 185 x 130
40.00 27 29	EFSC218 GUSC 3340	Circuit breaker, 415 V, 6 kA, 3-pole	40 A	195 x 185 x 130
40.00 27 30	EFSC218 GUSC 3350	Circuit breaker, 415 V, 6 kA, 3-pole	50 A	195 x 185 x 130
40.00 27 31	EFSC218 GUSC 3363	Circuit breaker, 415 V, 6 kA, 3-pole	63 A	195 x 185 x 130
40.00 27 32	EFSC218 GUSC 3406	Circuit breaker, 415 V, 6 kA, 4-pole	6 A	195 x 185 x 130
40.00 27 33	EFSC218 GUSC 3410	Circuit breaker, 415 V, 6 kA, 4-pole	10 A	195 x 185 x 130
40.00 27 34	EFSC218 GUSC 3416	Circuit breaker, 415 V, 6 kA, 4-pole	16 A	195 x 185 x 130
40.00 27 35	EFSC218 GUSC 3420	Circuit breaker, 415 V, 6 kA, 4-pole	20 A	195 x 185 x 130
40.00 27 36	EFSC218 GUSC 3425	Circuit breaker, 415 V, 6 kA, 4-pole	25 A	195 x 185 x 130
40.00 27 37	EFSC218 GUSC 3432	Circuit breaker, 415 V, 6 kA, 4-pole	32 A	195 x 185 x 130
40.00 27 38	EFSC218 GUSC 3440	Circuit breaker, 415 V, 6 kA, 4-pole	40 A	195 x 185 x 130
40.00 27 39	EFSC218 GUSC 3450	Circuit breaker, 415 V, 6 kA, 4-pole	50 A	195 x 185 x 130
40.00 27 40	EFSC218 GUSC 3463	Circuit breaker, 415 V, 6 kA, 4-pole	63 A	195 x 185 x 130
40.00 27 41	EFSC218 GUSV 3225	Earth leakage circuit breaker, 230 V, 2-pole	25 A	195 x 185 x 130
40.00 27 42	EFSC218 GUSV 3240	Earth leakage circuit breaker, 230 V, 2-pole	40 A	195 x 185 x 130
40.00 27 43	EFSC218 GUSV 3425	Earth leakage circuit breaker, 400/230 V, 3-pole	25 A	195 x 185 x 130
40.00 27 44	EFSC218 GUSV 3440	Earth leakage circuit breaker, 400/230 V, 3-pole	40 A	195 x 185 x 130
40.00 27 45	EFSC218 GUSV 3463	Earth leakage circuit breaker, 400/230 V, 3-pole	63 A	195 x 185 x 130

Ex d II B Thermal magnetic motor protection EFSC218 SMT



- Ex d enclosures with thermal magnetic motor protection 415 V
- 2 to 4 pole execution
- for nominal currents 6-63 A
- Execution II B



Technical Data

Explosion protection

⊕ II 2 G Ex d II B

⊕ II 2 D Ex tD A21

Ex d, Ex d[ia] II B

Certificates

INERIS 03 ATEX 0047; GOST-R: ПОВИТ.ГБ05.В02538; GOST-K: No. 07/43-269

Temperature class

Gas: T5 / T4

Dust: T100°C / T125°C

Material

copper free aluminium (Cu < 0,1 %)

Colour

RAL 9006, grey

Ingress protection

IP 66 to EN 60529

Temperature range

-20°C to +55°C

Included in delivery

Enclosure system consisting of base and lid, thermal magnetic motor protection, mounting plate and external earth connection

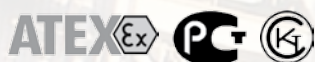
Product range

Order No.	Type	Execution	I/A	Dimensions (mm) H x W x D
40.00 27 46	EFSC218 SMT 034	Thermal magnetic motor protection, 660 V	0,20 - 0,35 A	195 x 185 x 130
40.00 27 47	EFSC218 SMT 036	Thermal magnetic motor protection, 660 V	0,35 - 0,6 A	195 x 185 x 130
40.00 27 48	EFSC218 SMT 301	Thermal magnetic motor protection, 660 V	0,6 - 1 A	195 x 185 x 130
40.00 27 49	EFSC218 SMT 302	Thermal magnetic motor protection, 660 V	1 - 1,6 A	195 x 185 x 130
40.00 27 50	EFSC218 SMT 303	Thermal magnetic motor protection, 660 V	1,6 - 2,5 A	195 x 185 x 130
40.00 27 51	EFSC218 SMT 304	Thermal magnetic motor protection, 660 V	2,5 - 4 A	195 x 185 x 130
40.00 27 52	EFSC218 SMT 306	Thermal magnetic motor protection, 660 V	4 - 6,6 A	195 x 185 x 130
40.00 27 53	EFSC218 SMT 310	Thermal magnetic motor protection, 660 V	6 - 10 A	195 x 185 x 130
40.00 27 54	EFSC218 SMT 316	Thermal magnetic motor protection, 660 V	10 - 16 A	195 x 185 x 130

Ex d II Push buttons / Control Stations EFDC / EFSC



- Small Ex d Control Stations with push button and switches
- Material: Aluminium
- Individual fitting on request



Technical Data

Explosion protection

⊕ II 2 G Ex d II C

⊕ II 2 D Ex tD A21

Ex d, Ex d[ia] II C

Certificates

INERIS 03 ATEX 0047; GOST-R: POCC IT.ГБ05.В02538; GOST-K: No. 07/43-269

Material

copper free aluminium (Cu < 0,1 %)

Colour

RAL 9006, grey

Ingress protection

IP 66 to EN 60529

Temperature range

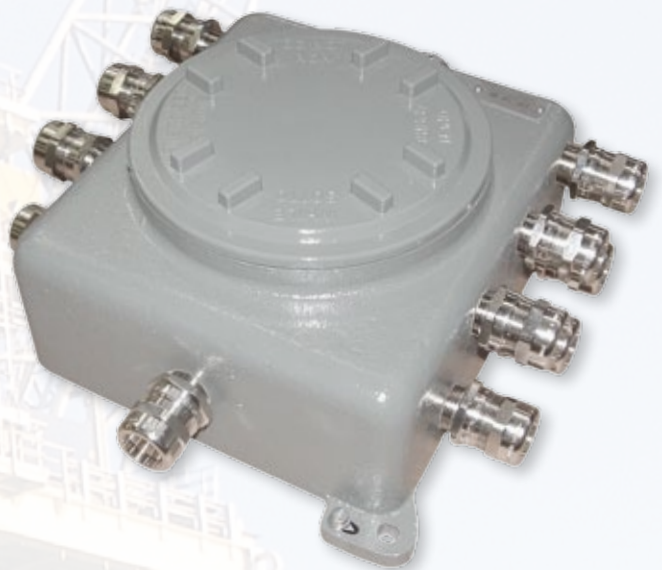
-20°C to +40°C; -20°C to +55°C

Included in delivery

Enclosure system consisting of base and lid, switches, push buttons, mounting plates and external earth connection

Ex d Flame proof enclosures

Applications



6. Ex Plugs and sockets enclosures



Ex devices with plugs and sockets from polyester / stainless steel; individual fitting on request



7. Ex Installation material



Ex cable glands

Cable glands for all Ex areas, with standard and armoured cables. Material plastic, brass and stainless steel.

Ex plugs

Plugs for all Ex areas from material plastic and brass



Ex Drainplugs

Drainplugs from material plastic and stainless steel

Ex Installation material



Material	polyamide 6
Colour	jet black, RAL 9005 light blue, RAL 5012
Type of protection	Ex e
Equipment group	II
Category	2/3
Atmosphere	G/D
Zone	1, 2, 21, 22
Temperature range	-20°C to +80°C
Ingress protection	IP 66, EN 60529 IP 68 with additional sealing insert
Certificates	ATEX

Ex Cable gland

Type	Cable Ø	Width across flats	Thread length	Order No.
				black
PG				
13,5	6 - 12	24	9	08.02 12 13
16	10 - 14	27	10	08.02 12 16
21	13 - 18	33	11	08.02 12 21
29	18 - 25	42	11	08.02 12 29
36	22 - 32	53	13	08.02 12 36
42	30 - 38	60	13	08.02 12 42
48	34 - 44	65	14	08.02 12 48
				blue
13,5	6 - 12	24	9	08.02 11 13
16	10 - 14	27	10	08.02 11 16
21	13 - 18	33	11	08.02 11 21
29	18 - 25	42	11	08.02 11 29
36	22 - 32	53	13	08.02 11 36
42	30 - 38	60	13	08.02 11 42
48	34 - 44	65	14	08.02 11 48



Material	polyamide 6
Sealing insert	neoprene
Colour	jet black, RAL 9005 light blue, RAL 5012
Type of protection	Ex e
Equipment group	II
Category	2/3
Atmosphere	G/D
Zone	1, 2, 21, 22
Temperature range	M12: -20°C to +80°C M16 - M63: -35°C to +95°C
Ingress protection	IP 68
Certificates	ATEX, IECEx, GOST-R, Inmetro, UL

Ex Cable gland

Type	Cable Ø	Width across flats	Thread length	Order No.
				black
Metric				
M 12 x 1,5	4 - 6,5	15	8	08.02 03 12
M 16 x 1,5	5 - 8	19	10	08.02 03 16
M 20 x 1,5	7 - 12	24	10	08.02 03 20
M 25 x 1,5	12 - 18	33	10	08.02 03 25
M 32 x 1,5	16 - 25	42	10	08.02 03 32
M 40 x 1,5	22 - 32	53	10	08.02 03 40
M 50 x 1,5	28 - 38,5	60	12	08.02 03 50
M 63 x 1,5	40 - 48	70	12	08.02 03 63
				blue
M 12 x 1,5	4 - 6,5	15	8	08.02 04 12
M 16 x 1,5	5 - 8	19	10	08.02 04 16
M 20 x 1,5	7 - 12	24	10	08.02 04 20
M 25 x 1,5	12 - 18	33	10	08.02 04 25
M 32 x 1,5	16 - 25	42	10	08.02 04 32
M 40 x 1,5	22 - 32	53	10	08.02 04 40
M 50 x 1,5	28 - 38,5	60	12	08.02 04 50
M 63 x 1,5	40 - 48	70	12	08.02 04 63

Ex Installation material



Material	brass nickel-plated
Type of protection	Ex d, Ex e
Equipment group	II
Category	2/3
Atmosphere	G/D
Zone	1, 2, 21, 22
Temperature range	-60°C to +130°C
Ingress protection	IP 66, EN 60529 IP 68 with additional o-ring
Certificates	ATEX, IECEx, GOST-R, GOST-K, Inmetro

Ex Cable gland for cable with steel wire armour (SWA)

Type	Clamping range		Clamping range		with across flats	thread length	Order No.
	cable sheath external		cable sheath internal				
	≥	≤	≥	≤			
M20	6,1	13,2	3,1	8,6	24,0	15,0	08.03 06 20
M20	9,5	15,9	6,1	11,6	24,0	15,0	08.03 06 21
M20	12,5	20,9	6,5	13,9	30,5	15,0	08.03 06 22
M25	14	22	11,1	19,9	37,5	15,0	08.03 06 25
M25	18,2	26,2	11,1	19,9	37,5	15,0	08.03 06 26
M32	23,7	33,9	17	26,2	46,0	15,0	08.03 06 32
M40	27,9	40,4	22	32,1	55,0	15,0	08.03 06 40
M50	35,2	46,7	29,5	38,1	60,0	15,0	08.03 06 50
M50	40,4	53,1	35,6	44,0	70,0	15,0	08.03 06 51
M63	45,6	59,4	40,1	49,9	75,0	15,0	08.03 06 63
M63	54,6	65,9	47,2	55,9	80,0	15,0	08.03 06 64



Material	brass nickel-plated
Type of protection	Ex d, Ex e
Equipment group	II
Category	2/3
Atmosphere	G/D
Zone	1, 2, 21, 22
Temperature range	-60°C to +130°C
Ingress protection	IP 66, EN 60529 IP 68 with additional o-ring
Certificates	ATEX, IECEx, GOST-R, GOST-K, Inmetro

Ex Cable gland for cable with steel tape armour and steel wired braid (STA, SWB)

Type	Clamping range		Clamping range		with across flats	thread length	Order No.
	cable sheath external		cable sheath internal				
	≥	≤	≥	≤			
M20	6,1	13,2	3,1	8,6	24,0	15,0	08.03 07 20
M20	9,5	15,9	6,1	11,6	24,0	15,0	08.03 07 21
M20	12,5	20,9	6,5	13,9	30,5	15,0	08.03 07 22
M25	14	22	11,1	19,9	37,5	15,0	08.03 07 25
M25	18,2	26,2	11,1	19,9	37,5	15,0	08.03 07 26
M32	23,7	33,9	17	26,2	46,0	15,0	08.03 07 32
M40	27,9	40,4	22	32,1	55,0	15,0	08.03 07 40
M50	35,2	46,7	29,5	38,1	60,0	15,0	08.03 07 50
M50	40,4	53,1	35,6	44,0	70,0	15,0	08.03 07 51
M63	45,6	59,4	40,1	49,9	75,0	15,0	08.03 07 63
M63	54,6	65,9	47,2	55,9	80,0	15,0	08.03 07 64

Ex Installation material



Material	brass nickel-plated
Type of protection	Ex d, Ex e
Equipment group	II
Category	2/3
Atmosphere	G/D
Zone	1, 2, 21, 22
Temperature range	-60°C to +130°C
Ingress protection	IP 66, EN 60529 IP 68 with additional o-ring
Certificates	ATEX, IECEx, GOST-R, GOST-K, Inmetro

Ex Cable gland

Type	Clamping range		Width across flats	Thread length	Order No.
	≥	≤			
M20	3,2	8,7	24,0	15,0	08.03 05 20
M20	6,1	11,7	24,0	15,0	08.03 05 21
M20	6,5	14	27,0	15,0	08.03 05 22
M25	11,1	20	36,0	15,0	08.03 05 25
M32	17	26,3	41,0	15,0	08.03 05 32
M40	23,5	32,2	50,0	15,0	08.03 05 40
M50	31	38,2	55,0	15,0	08.03 05 50
M50	35,6	44,1	60,0	15,0	08.03 05 51
M63	41,5	50	70,0	15,0	08.03 05 63
M63	47,2	56	75,0	15,0	08.03 05 64



Material	brass nickel-plated
Type of protection	Ex d, Ex e
Equipment group	II
Category	2/3
Atmosphere	G/D
Zone	1, 2, 21, 22
Temperature range	-60°C to +130°C
Sealing insert	viton
Ingress protection	IP 68
Certificates	ATEX, IECEx, GOST-R, GOST-K, Inmetro

Ex Blind plug

Type	Width across flats	Thread length	Order No.
M16	24,0	15,0	08.03 04 16
M20	27,0	15,0	08.03 04 20
M25	36,0	15,0	08.03 04 25
M32	41,0	15,0	08.03 04 32
M40	50,0	15,0	08.03 04 40
M50	60,0	15,0	08.03 04 50
M63	75,0	15,0	08.03 04 63

Ex Installation material



Material	brass nickel-plated
Type of protection	Ex e
Equipment group	II
Category	2/3
Atmosphere	G/D
Zone	1, 2, 21, 22
Temperature range	-40°C to +100°C
Ingress protection	IP 66, EN 60529 IP 68 with additional o-ring
Certificates	ATEX, GOST-R, Inmetro

Ex Cable gland

Type	Cable Ø	Width across flats	Thread length	Order No.
PG				
7	4,5 - 6,5	14	5	08.03 01 07
9	5 - 9,5	17	6	08.03 01 09
11	7 - 11,5	20	6	08.03 01 11
13,5	8 - 13	22	6,5	08.03 01 13
16	9 - 15	24	6,5	08.03 01 16
21	12 - 19	30	7	08.03 01 21
29	17 - 26	40	8	08.03 01 29
36	23 - 34,5	50	9	08.03 01 36
42	28 - 40	58	10	08.03 01 42
48	36 - 48	65	10	08.03 01 48



Material	brass nickel-plated
Type of protection	Ex e
Equipment group	II
Category	2/3
Atmosphere	G/D
Zone	1, 2, 21, 22
Temperature range	-40°C bis +100°C
Ingress protection	IP 66, EN 60529 IP 68 with additional o-ring
Certificates	ATEX, GOST-R, Inmetro

Ex Cable gland

Type	Cable Ø	Width across flats	Thread length	Order No.
Metric				
M 12 x 1,5	4,5 - 6,5	14	5	08.02 05 12
M 16 x 1,5	5 - 9,5	17	5	08.02 05 16
M 20 x 1,5	8 - 13	22	6	08.02 05 20
M 25 x 1,5	9 - 16	27	7	08.02 05 25
M 32 x 1,5	12 - 21	34	8	08.02 05 32
M 40 x 1,5	16 - 27	42	8	08.02 05 40
M 50 x 1,5	23 - 35	55	9	08.02 05 50
M 63 x 1,5	36 - 48	65	10	08.02 05 63

Ex Installation material



Material	brass nickel-plated
Type of protection	Ex e
Equipment group	II
Category	2/3
Atmosphere	G/D
Zone	1, 2, 21, 22
Temperature range	-20°C bis +80°C
Ingress protection	IP 66, EN 60529 IP 68 with additional flat seal / o-ring
Certificates	ATEX, GOST-R, Inmetro

Ex Blind plug

Type	Cable Ø	Width across flats	Thread length	Order No.
PG				
7		14	10	08.03 03 07
9		19	10	08.03 03 09
11		22	10	08.03 03 11
13,5		24	10	08.03 03 13
16		27	10	08.03 03 16
21		32	12	08.03 03 21
29		41	12	08.03 03 29
36		55	14	08.03 03 36



Material	brass nickel-plated
Type of protection	Ex e/d
Equipment group	II
Category	2/3
Atmosphere	G/D
Zone	1, 2, 21, 22
Temperature range	-40°C to +100°C
Ingress protection	IP 66, EN 60529 IP 68 with additional o-ring
Certificates	ATEX, GOST-R

Ex Blind plug

Type	Cable Ø	Width across flats	Thread length	Order No.
Metric				
M 12 x 1,5		14	12	08.02 08 12
M 16 x 1,5		18	12	08.02 08 16
M 20 x 1,5		23	12	08.02 08 20
M 25 x 1,5		29	12	08.02 08 25
M 32 x 1,5		39	12	08.02 08 32
M 40 x 1,5		45	15	08.02 08 40
M 50 x 1,5		58	15	08.02 08 50
M 63 x 1,5		70	19	08.02 08 63

Ex Installation material



Material	stainless steel 1.4301
Type of protection	Ex e
Equipment group	II
Category	2/3
Atmosphere	G/D
Zone	1, 2, 21, 22
Sealing insert	NBR
Temperature range	-20°C to +95°C
Ingress protection	IP 68, EN 60529
Certifications	ATEX, IECEx, GOST-R, Inmetro, UL

Ex Cable gland

Type	Cable Ø	Width across flats	Thread length	Order No.
Metric				
M 12 x 1,5	3 - 6,5	14	6,5	08.04 02 12
M 16 x 1,5	5 - 10	22	6	08.04 02 16
M 20 x 1,5	10 - 14	24	6	08.04 02 20
M 25 x 1,5	13 - 18	30	7	08.04 02 25
M 32 x 1,5	20 - 25	41	8	08.04 02 32
M 40 x 1,5	22 - 32	50	8	08.04 02 40



Material	stainless steel 1.4305
Type of protection	Ex e
Equipment group	II
Category	2/3
Atmosphere	G/D
Zone	1, 2, 21, 22
Temperature range	-40°C to +105°C
Ingress protection	IP 66, EN 60529
Air flow rate	0,4 l/min at 0,1 bar ΔP 5 l/min at 1 bar ΔP
Certifications	ATEX

Ex Pressure balance element

Type	Cable Ø	Width across flats	Thread length	Order No.
Metric				
M 12 x 1,5		17	10	08.50 11 12

Ex Installation material



Ex Drain plug

Type	Cable Ø	Width across flats	Thread length	Order No.
Metric				
M 20 x 1,5		25	10	08.51 10 20

Material	stainless steel 1.4571
Type of protection	Ex e
Equipment group	II
Category	2/3
Atmosphere	G/D
Zone	1, 2, 21, 22
Temperature range	-50°C bis +100°C
Ingress protection	IP 66, EN 60529
Certifications	ATEX, IECEx, GOST-R, Inmetro



Ex Drain plug

Type	Cable Ø	Width across flats	Thread length	Order No.
Metric				
M 25 x 1,5		35	10	08.51 01 25

Material	polyamide
Type of protection	Ex e
Equipment group	II
Category	2/3
Atmosphere	G/D
Zone	1, 2, 21, 22
Temperature range	-20°C to +40°C
Ingress protection	IP66, EN 60529
Certificates	ATEX, IECEx, GOST-R

Ex Installation material



Material	polycarbonate
Colour	jet black, RAL 9005
Type of protection	Ex e
Equipment group	II
Category	2/3
Atmosphere	G/D
Zone	1, 2, 21, 22
Sealing insert	neoprene
Temperature range	-35°C to +95°C
Ingress protection	IP 68
Certificates	ATEX, IECEx, GOST-R, Inmetro

Ex Blind plug

Type	Cable Ø	Width across flats	Thread length	Order No.
PG				
9		19	10	08.03 02 09
11		22	10	08.03 02 11
13,5		24	10	08.03 02 13
16		27	10	08.03 02 16
21		32	12	08.03 02 21
29		41	12	08.03 02 29
36		55	14	08.03 02 36
42		60	16	08.03 02 42
48		65	16	08.03 02 48



Material	polyamide PA6 Gf
Colour	jet black, RAL 9005
Type of protection	Ex e
Equipment group	II
Category	2/3
Atmosphere	G/D
Zone	1, 2, 21, 22
Sealing insert	neoprene
Temperature range	-35°C to +90°C
Ingress protection	IP 68
Certificates	ATEX, IECEx, GOST-R, Inmetro

Ex Blind plug

Type	Cable Ø	Width across flats	Thread length	Order No.
Metric				
M 12 x 1,5		16	8	08.02 07 12
M 16 x 1,5		20	8	08.02 07 16
M 20 x 1,5		26	9	08.02 07 20
M 25 x 1,5		32	10	08.02 07 25
M 32 x 1,5		40	11	08.02 07 32
M 40 x 1,5		48	12	08.02 07 40
M 50 x 1,5		55	13	08.02 07 50
M 63 x 1,5		70	15	08.02 07 63

Ex Installation material



Material	polyamide 6
Colour	light grey, RAL 7035
Temperature range	-20°C to +80°C

Counter nut

Type	Cable Ø	Width across flats	Thread length	Order No.
PG				
7		19		08.02 09 07
9		22		08.02 09 09
11		24		08.02 09 11
13,5		27		08.02 09 13
16		30		08.02 09 16
21		36		08.02 09 21
29		46		08.02 09 29
36		60		08.02 09 36
42		65		08.02 09 42
48		70		08.02 09 48
Metric				
M 12 x 1,5		18		08.09 07 12
M 16 x 1,5		22		08.09 07 16
M 20 x 1,5		26		08.09 07 20
M 25 x 1,5		32		08.09 07 25
M 32 x 1,5		41		08.09 07 32
M 40 x 1,5		50		08.09 07 40
M 50 x 1,5		60		08.09 07 50
M 63 x 1,5		75		08.09 07 63



Material	brass nickel-plated
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Counter nut

Type	Cable Ø	Width across flats	Thread length	Order No.
PG				
7		15		08.04 09 07
9		18		08.04 09 09
11		21		08.04 09 11
13,5		23		08.04 09 13
16		26		08.04 09 16
21		32		08.04 09 21
29		41		08.04 09 29
Metrisch				
M 12 x 1,5		15		08.09 09 12
M 16 x 1,5		19		08.09 09 16
M 20 x 1,5		23		08.09 09 20
M 25 x 1,5		29		08.09 09 25
M 32 x 1,5		36		08.09 09 32
M 40 x 1,5		45		08.09 09 40
M 50 x 1,5		55		08.09 09 50
M 63 x 1,5		70		08.09 09 63

8. Technical annex

The technical annex shows detail informations of accessories as well as detail fitting tables and technical drawings.

Pictogram

	Dimension * h = height; w = width; d = depth		Cable glands, no.
	Cross connection		No. of terminals
	No. of flanges per side		Empty enclosure
	External mounting bracket		max. no. of internal cables
	External earthing, dimension in mm ²		Sheath clamp
	External earth bolt, dimension		Mounting plate
	max. fitting length		Continuity plate
	Blind flange, no. / side		Sealable lid screw
	Corner dimension, cable gland		PE bus bar
	Enclosure		PE bar
	Internal hinge		Current
	External hinge		DIN rail
	Weight		max. no. of DIN rails
	Threaded insert		Connecting flange
	Allen lid screw		Corrosion protection
	EMC		Silicone lid seal

Ex Stainless steel enclosures



Terminal mounting

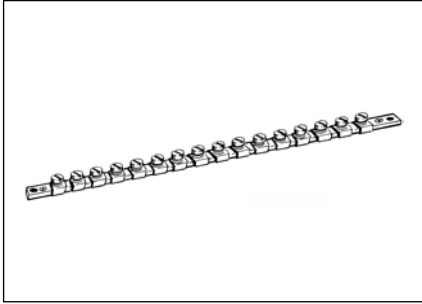
Make	Phoenix																PE bar 1,5 to 6 mm ²
DIN rail TS 15				X	X			X									
DIN rail TS 32																	
DIN rail TS 35	X	X	X			X	X		X	X	X	X	X	X			
Voltage (V)	352	550	690	275	420	690	690	275	690	690	690	690	880	1100	1100		
Current (A)	17	22	23	22,5	27	32,5	43,5	37	57	74	118,5	137	216	256	350		
Nominal cross section (mm ²)	1,5	2,5	2,5	2,5	4	4	6	6	10	16	35	50	95	150	240		
Terminal width (mm)	4,2	5,2	5,2	5,2	6,2	6,2	8,2	8,2	10,2	12,2	16	20	25	31	36		
Terminal Type																	
Enclosure Type	UK 1,5 N	UK 2,5 N	UK 3 N	MBK 3/E-Z	MXX 4	UK 5 N	UK 6 N	MBK 6/E	UK 10 N	UK 16 N	UK 35	UKH 50	UKH 95	UKH 150	UKH 240		
34./35./36.10 10 06				11	7			7								3	
34./35./36.15 10 06				20	16			12								6	
34./35./36.15 15 08	24	20	20	20	16	16	12	12	10	8						6	
34./35./36.20 10 06				30	24			18								8	
34./35./36.20 20 08	76	60	60	60	50	50	38	38	30	13						8	
34./35./36.20 20 12	76	60	60	60	50	50	38	38	30	13	10					8	
34./35./36.30 15 08	61	50	50	50	41	41	31	31	25	21						13	
34./35./36.30 20 08	120	96	96	96	80	80	60	60	24	20						13	
34./35./36.30 20 12	120	96	96	96	80	80	60	60	24	20	16					13	
34./35./36.30 30 12	120	96	96	96	80	80	60	60	48	20	16	12				13	
34./35./36.30 30 16	126	102	102	102	87	87	63	63	51	40	16	12				13	
34./35./36.38 38 16	240	195	195	195	162	162	123	123	99	81	44	17	13			18	
34./35./36.40 15 08	85	69	69	69	58	58	43	43	35	29						19	
34./35./36.40 20 12	172	138	138	138	116	116	88	88	70	29	23	18				19	
34./35./36.40 30 16	172	138	138	138	116	116	88	88	70	29	23	18	14			19	
34./35./36.50 30 16	214	172	172	172	144	144	108	108	88	72	29	26	18			24	
34./35./36.50 40 16	425	345	345	345	290	290	215	215	140	87	46	36	14	11		24	
34./35./36.60 20 12	262	212	212	212	178	178	134	134	54	45	36	27				29	

PE terminal as required

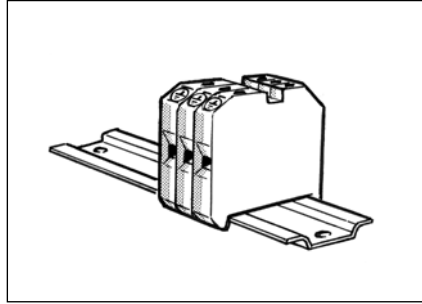
Ex Stainless steel enclosures



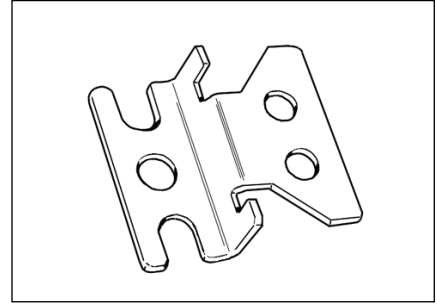
Accessories



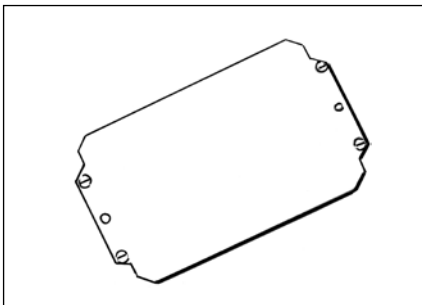
PE bar



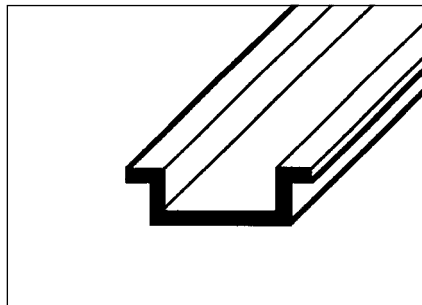
PE terminal blocks



External mounting brackets

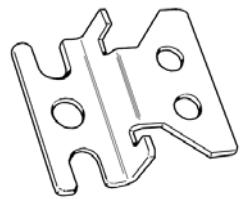


Mounting plate

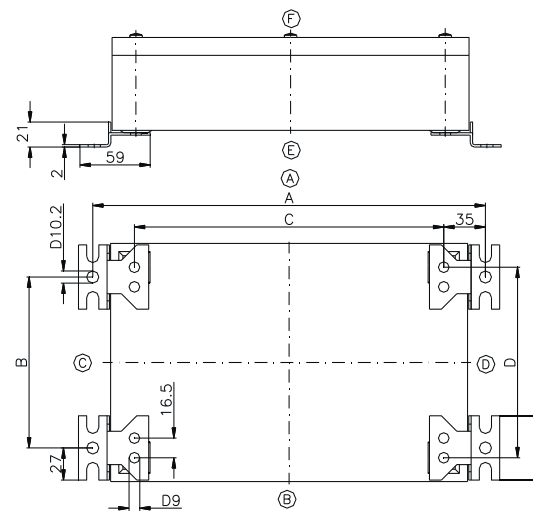


DIN rail

External mounting brackets Order No.: 37.10 50 00



for Type	A	B	C	D
37.10 10 06	130	43,5	60	60
37.15 10 06	180	43,5	110	60
37.15 15 08	180	93,5	110	110
37.20 10 06	230	43,3	160	60
37.20 20 08	230	143,5	160	160
37.20 20 12	230	143,5	160	160
37.30 15 08	330	93,5	260	110
37.30 20 08	330	143,5	260	160
37.30 20 12	330	143,5	260	160
37.30 30 12	330	243,5	260	260
37.30 30 16	330	243,5	260	260
37.38 38 16	410	323,5	340	340
37.40 15 08	430	93,5	360	110
37.40 20 12	430	143,5	360	160
37.40 30 16	430	243,5	360	260
37.50 30 16	530	243,5	460	260
37.50 40 16	530	343,5	460	360
37.60 20 12	630	143,5	560	160



Ex Stainless steel enclosures



Type: **Ex e 35.10 10 06**

Ex ia 36.10 10 06



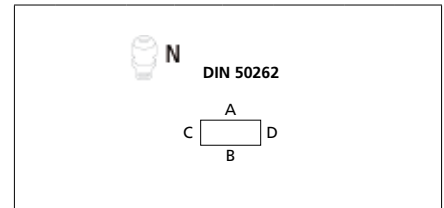
34.10 10 06

ATEX

h x w x d 100 x 100 x 61 mm

581 g

l in mm	in mm	N	mm ²								
TS 15		6 x 6 mm ²									
90	52	1	6								



	1,5	2,5	4	6	10	16	25	35	50	70	95
	**	11	11	7	7						
	1	1	1	1							
	6										
	10	19	36								
	16	7	13	22							
	20	3	8	14	23						
	25		4	8	14						
	35			2	6						
	50										
	63										
	80										
	100										
	125										
	160										
	200										
	225										
	250										
	315										
400											
500											

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	6	4	7	17,25	6	4
16	25,30	2		9	21,85	3	3
20	27,60	2		11	25,30	2	2
25	37,95			13,5	27,60	2	
32	48,30			16	31,05	2	
40	60,95			21	37,95		
50	69,00			29	48,30		
63	74,75			36	60,95		
				42	69,00		
				48	74,75		

** Base: Terminal block Phoenix Contact, further see page 76

Type: **Ex e 35.15 10 06**

Ex ia 36.15 10 06



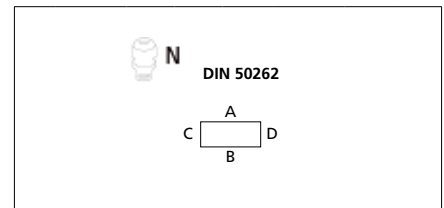
34.15 10 06

ATEX

h x w x d 100 x 150 x 61 mm

737 g

l in mm	in mm	N	mm ²								
TS 15		12 x 6 mm ²									
140	102	1	6								



	1,5	2,5	4	6	10	16	25	35	50	70	95
	**	20	20	16	12						
	1	1	1	1							
	6										
	10	21	38								
	16	8	14	24							
	20	3	9	15	25						
	25		4	9	15						
	35			2	7						
	50										
	63										
	80										
	100										
	125										
	160										
	200										
	225										
	250										
	315										
400											
500											

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	11	4	7	17,25	11	4
16	25,30	4		9	21,85	6	3
20	27,60	3		11	25,30	4	2
25	37,95			13,5	27,60	3	
32	48,30			16	31,05	3	
40	60,95			21	37,95		
50	69,00			29	48,30		
63	74,75			36	60,95		
				42	69,00		
				48	74,75		

** Base: Terminal block Phoenix Contact, further see page 76

Ex Stainless steel enclosures



Type: **Ex e 35.15 15 08**

Ex ia 36.15 15 08



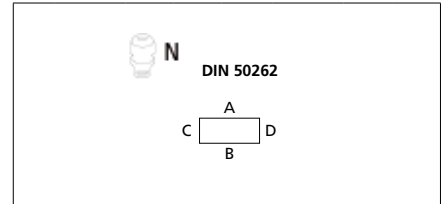
34.15 15 08

ATEX

h x w x d 150 x 150 x 81 mm

1195 g

l in mm	in mm	N	mm ²									
TS 35		12 x 6 mm ²										
140	102	1	16									



		1,5	2,5	4	6	10	16	25	35	50	70	95
	**	24	20	16	12	10	8					
	N	1	1	1	1	1	1					
	6											
	10	27	50									
	16	10	19	31								
	20	4	11	20	33							
	25		5	12	20							
	35			3	9	18						
	50					7	15					
	63					2	8					
	80						3					
	100											
	125											
	160											
	200											
	225											
	250											
	315											
	400											
500												

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	15	12	7	17,25	15	12
16	25,30	8	5	9	21,85	9	7
20	27,60	6	4	11	25,30	8	5
25	37,95	3	3	13,5	27,60	6	4
32	48,30	2		16	31,05	4	3
40	60,95			21	37,95	3	3
50	69,00			29	48,30	2	
63	74,75			36	60,95		
				42	69,00		
				48	74,75		

** Base: Terminal block Phoenix Contact, further see page 76

Type: **Ex e 35.20 10 06**

Ex ia 36.20 10 06



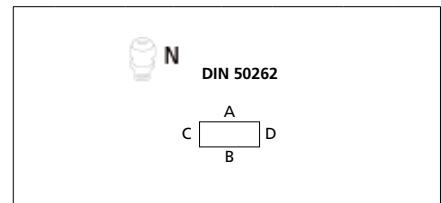
34.20 10 06

ATEX

h x w x d 100 x 200 x 61 mm

934 g

l in mm	in mm	N	mm ²									
TS 15		16 x 6 mm ²										
190	152	1	6									



		1,5	2,5	4	6	10	16	25	35	50	70	95
	**	30	30	24	18							
	N	1	1	1	1							
	6											
	10	21	39									
	16	8	14	24								
	20	3	9	15	26							
	25		4	9	15							
	35			3	7							
	50											
	63											
	80											
	100											
	125											
	160											
	200											
	225											
	250											
	315											
	400											
500												

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	16	4	7	17,25	16	4
16	25,30	6		9	21,85	9	3
20	27,60	5		11	25,30	6	2
25	37,95			13,5	27,60	5	
32	48,30			16	31,05	5	
40	60,95			21	37,95		
50	69,00			29	48,30		
63	74,75			36	60,95		
				42	69,00		
				48	74,75		

** Base: Terminal block Phoenix Contact, further see page 76

Ex Stainless steel enclosures



Type: **Ex e 35.20 20 08**

Ex ia 36.20 20 08



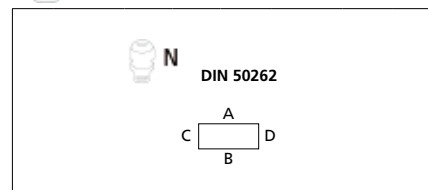
34.20 20 08

ATEX

h x w x d 200 x 200 x 81 mm

1812 g

l in mm	in mm	N	mm ²								
TS 35		16 x 6 mm ²									
190	152	1	16								



	1,5	2,5	4	6	10	16	25	35	50	70	95
	**	76	60	50	38	30	13				
	N	2	2	2	2	2	1				
	6										
	10	32	58								
	16	12	22	36							
	20	5	13	23	39						
	25		6	14	23						
	35			4	10	21					
	50					8	17				
	63					3	9				
	80						4				
	100										
	125										
	160										
	200										
	225										
	250										
	315										
	400										
500											

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	24	18	7	17,25	24	18
16	25,30	12	7	9	21,85	14	10
20	27,60	10	6	11	25,30	12	7
25	37,95	4	4	13,5	27,60	10	6
32	48,30	3		16	31,05	6	5
40	60,95			21	37,95	4	4
50	69,00			29	48,30	3	
63	74,75			36	60,95		
				42	69,00		
				48	74,75		

** Base: Terminal block Phoenix Contact, further see page 76

Type: **Ex e 35.20 20 12**

Ex ia 36.20 20 12



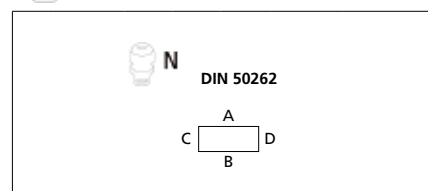
34.20 20 12

ATEX

h x w x d 200 x 200 x 121 mm

2126 g

l in mm	in mm	N	mm ²								
TS 35		16 x 6 mm ²									
190	152	1	16								



	1,5	2,5	4	6	10	16	25	35	50	70	95
	**	76	60	50	38	30	13	10	10		
	N	2	2	2	2	1	1	1	1		
	6										
	10	39	71								
	16	15	27	44							
	20	6	16	28	47						
	25		8	17	28						
	35			5	13	25					
	50				2	10	21	68			
	63					3	12	23			
	80						4	12	21		
	100							5	11		
	125								5		
	160										
	200										
	225										
	250										
	315										
	400										
500											

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	48	45	7	17,25	48	45
16	25,30	22	20	9	21,85	28	28
20	27,60	16	18	11	25,30	22	20
25	37,95	8	8	13,5	27,60	16	18
32	48,30	5	4	16	31,05	12	12
40	60,95	2	2	21	37,95	8	8
50	69,00	2	2	29	48,30	5	4
63	74,75	2	2	36	60,95	2	2
				42	69,00	2	2
				48	74,75		

** Base: Terminal block Phoenix Contact, further see page 76

Ex Stainless steel enclosures



Type: **Ex e 35.30 15 08**

Ex ia 36.30 15 08



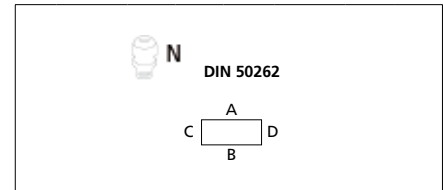
34.30 15 08

ATEX

h x w x d 150 x 300 x 81 mm

1913 g

l in mm	in mm	N	mm ²								
TS 35		26 x 6 mm ²									
290	252	1	16	•	•						



	1,5	2,5	4	6	10	16	25	35	50	70	95
	**	61	50	41	31	25	21				
	N	1	1	1	1	1	1				
	6										
	10	30	55								
	16	11	21	34							
	20	5	13	22	37						
	25		6	13	22						
	35			4	10	20					
	50					8	16				
	63					2	9				
	80						3				
	100										
	125										
	160										
	200										
	225										
	250										
	315										
	400										
500											

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	42	12	7	17,25	42	12
16	25,30	20	6	9	21,85	23	7
20	27,60	17	4	11	25,30	20	5
25	37,95	7	3	13,5	27,60	17	4
32	48,30	5		16	31,05	10	3
40	60,95			21	37,95	7	3
50	69,00			29	48,30	5	
63	74,75			36	60,95		
				42	69,00		
				48	74,75		

** Base: Terminal block Phoenix Contact, further see page 76

Type: **Ex e 35.30 20 08**

Ex ia 36.30 20 08



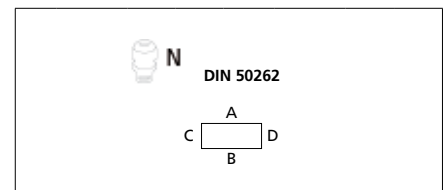
34.30 20 08

ATEX

h x w x d 200 x 300 x 81 mm

2387 g

l in mm	in mm	N	mm ²								
TS 35		26 x 6 mm ²									
290	252	1	16	•	•						



	1,5	2,5	4	6	10	16	25	35	50	70	95
	**	120	96	80	60	24	20				
	N	2	2	2	2	1	1				
	6										
	10	35	63								
	16	13	24	39							
	20	5	14	25	42						
	25		7	15	25						
	35			4	11	23					
	50					9	19				
	63					3	10				
	80						4				
	100										
	125										
	160										
	200										
	225										
	250										
	315										
	400										
500											

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	42	18	7	17,25	42	18
16	25,30	20	7	9	21,85	23	10
20	27,60	17	6	11	25,30	20	7
25	37,95	7	4	13,5	27,60	17	6
32	48,30	5		16	31,05	10	5
40	60,95			21	37,95	7	4
50	69,00			29	48,30	5	
63	74,75			36	60,95		
				42	69,00		
				48	74,75		

** Base: Terminal block Phoenix Contact, further see page 76

Ex Stainless steel enclosures



Type: **Ex e 35.30 20 12**

Ex ia 36.30 20 12



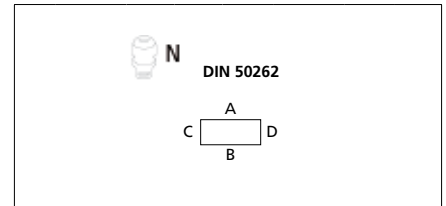
34.30 20 12

ATEX

h x w x d 200 x 300 x 121 mm

2790 g

l in mm	in mm	N	mm ²							
TS 35		26 x 6 mm ²								
290	252	1	16	•	•					



	1,5	2,5	4	6	10	16	25	35	50	70	95
<td>2</td> <td>2</td> <td>2</td> <td>2</td> <td>1</td> <td>1</td> <td>1</td> <td>1</td> <td></td> <td></td> <td></td>	2	2	2	2	1	1	1	1			
	6										
	10	42	76								
	16	16	28	47							
	20	6	17	30	51						
	25		8	18	30						
	35			5	14	27					
	50				2	11	22	73			
	63					4	12	24			
	80						5	13	22		
	100							6	12		
	125								5		
	160										
	200										
	225										
	250										
	315										
400											
500											

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	84	45	7	17,25	84	45
16	25,30	38	20	9	21,85	48	28
20	27,60	28	18	11	25,30	38	20
25	37,95	14	8	13,5	27,60	28	18
32	48,30	9	4	16	31,05	24	12
40	60,95	4	2	21	37,95	14	8
50	69,00	3	2	29	48,30	9	4
63	74,75	3	2	36	60,95	4	2
				42	69,00	3	2
				48	74,75		

** Base: Terminal block Phoenix Contact, further see page 76

Type: **Ex e 35.30 30 12**

Ex ia 36.30 30 12



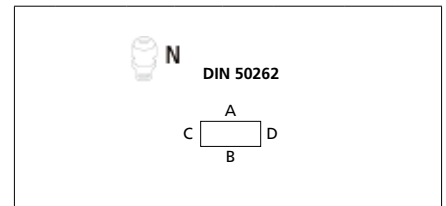
34.30 30 12

ATEX

h x w x d 300 x 300 x 121 mm

3812 g

l in mm	in mm	N	mm ²							
TS 35		26 x 6 mm ²								
290	252	1	25	•	•					



	1,5	2,5	4	6	10	16	25	35	50	70	95
<td>2</td> <td>2</td> <td>2</td> <td>2</td> <td>2</td> <td>1</td> <td>1</td> <td>1</td> <td>1</td> <td></td> <td></td>	2	2	2	2	2	1	1	1	1		
	6										
	10	48	87								
	16	18	33	54							
	20	8	20	34	58						
	25		10	21	35						
	35			6	16	31					
	50				2	13	26	84			
	63					4	14	28			
	80						6	15	25		
	100							7	14	25	
	125								6	13	
	160									5	
	200										
	225										
	250										
	315										
400											
500											

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	84	75	7	17,25	84	75
16	25,30	38	32	9	21,85	48	46
20	27,60	28	27	11	25,30	38	32
25	37,95	14	14	13,5	27,60	28	27
32	48,30	9	7	16	31,05	24	24
40	60,95	4	4	21	37,95	14	14
50	69,00	3	3	29	48,30	9	7
63	74,75	3	3	36	60,95	4	4
				42	69,00	3	3
				48	74,75		

** Base: Terminal block Phoenix Contact, further see page 76

Ex Stainless steel enclosures



Type: **Ex e 35.30 30 16**

Ex ia 36.30 30 16



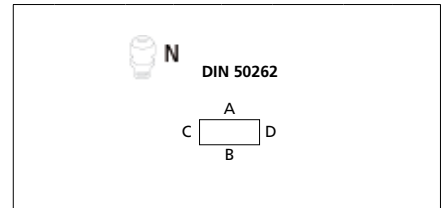
34.30 30 16

ATEX

h x w x d 300 x 300 x 161 mm

4121 g

l in mm	in mm	N	mm²								
TS 35		26 x 6 mm²									
290	252	1	25	•							



	1,5	2,5	4	6	10	16	25	35	50	70	95
	**	126	102	87	63	51	40	16	16	12	
	N	2	2	2	2	2	2	1	1	1	
	6										
	10	55	100								
	16	21	38	62							
	20	9	23	39	67						
	25		11	24	40						
	35			7	18	36					
	50				2	15	30	96			
	63					5	16	32			
	80						6	17	29		
	100							8	16	29	
	125								7	15	
	160									6	
	200										
	225										
	250										
	315										
400											
500											

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	112	120	7	17,25	112	120
16	25,30	54	50	9	21,85	74	69
20	27,60	45	45	11	25,30	54	50
25	37,95	22	21	13,5	27,60	45	45
32	48,30	14	12	16	31,05	33	32
40	60,95	8	8	21	37,95	22	21
50	69,00	6	6	29	48,30	14	12
63	74,75	5	4	36	60,95	8	8
				42	69,00	6	6
				48	74,75		

** Base: Terminal block Phoenix Contact, further see page 76

Type: **Ex e 35.38 38 16**

Ex ia 36.38 38 16



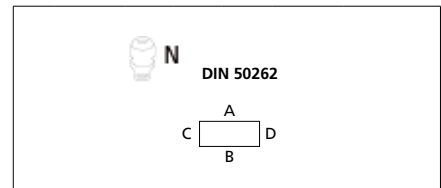
34.38 38 16

ATEX

h x w x d 380 x 380 x 161 mm

5858 g

l in mm	in mm	N	mm²								
TS 35		36 x 6 mm²									
370	332	1	50	•							



	1,5	2,5	4	6	10	16	25	35	50	70	95	
	**	240	195	162	123	99	81	44	44	17	13	
	N	3	3	3	3	3	3	2	2	1	1	
	6											
	10	62	113									
	16	24	43	71								
	20	10	26	45	75							
	25		13	28	45							
	35			8	21	41						
	50				3	16	34	109				
	63					6	19	36				
	80						7	19	33			
	100							9	18	33		
	125								8	17	32	
	160									7	15	26
	200										6	13
	225										2	8
	250											4
	315											
400												
500												

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	152	152	7	17,25	152	152
16	25,30	75	65	9	21,85	102	90
20	27,60	58	58	11	25,30	78	65
25	37,95	30	27	13,5	27,60	58	58
32	48,30	18	17	16	31,05	45	44
40	60,95	10	10	21	37,95	30	27
50	69,00	8	8	29	48,30	18	17
63	74,75	6	5	36	60,95	10	10
				42	69,00	8	8
				48	74,75		

** Base: Terminal block Phoenix Contact, further see page 76

Ex Stainless steel enclosures



Type: **Ex e 35.40 15 08**

Ex ia 36.40 15 08



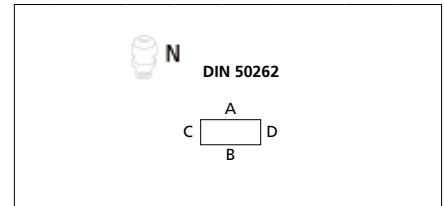
34.40 15 08

ATEX

h x w x d 150 x 400 x 81 mm

2390 g

l in mm	in mm	N	mm ²								
TS 35		38 x 6 mm ²									
390	352	1	16	•	•						



	1,5	2,5	4	6	10	16	25	35	50	70	95
	**	85	69	58	43	35	29				
	N	1	1	1	1	1	1				
	6										
	10	30	56								
	16	12	21	35							
	20	5	13	22	37						
	25		6	13	22						
	35			4	10	20					
	50					8	16				
	63					2	9				
	80						3				
	100										
	125										
	160										
	200										
	225										
	250										
	315										
400											
500											

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	57	12	7	17,25	57	12
16	25,30	29	6	9	21,85	32	7
20	27,60	24	4	11	25,30	28	5
25	37,95	9	3	13,5	27,60	24	4
32	48,30	7		16	31,05	14	3
40	60,95			21	37,95	9	3
50	69,00			29	48,30	7	
63	74,75			36	60,95		
				42	69,00		
				48	74,75		

** Base: Terminal block Phoenix Contact, further see page 76

Type: **Ex e 35.40 20 12**

Ex ia 36.40 20 12



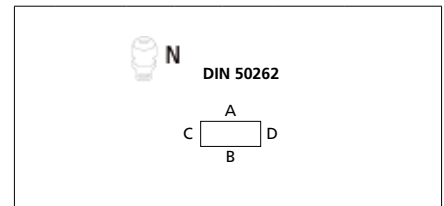
34.40 20 12

ATEX

h x w x d 200 x 400 x 121 mm

3403 g

l in mm	in mm	N	mm ²								
TS 35		38 x 6 mm ²									
390	352	1	25	•	•						



	1,5	2,5	4	6	10	16	25	35	50	70	95
	**	172	138	116	88	70	29	23	23	18	
	N	2	2	2	2	2	1	1	1	1	
	6										
	10	43	78								
	16	16	29	48							
	20	7	18	31	52						
	25		9	19	31						
	35			6	14	28					
	50				2	11	23	74			
	63					4	13	25			
	80						5	13	23		
	100							6	12	23	
	125								5	12	
	160									4	
	200										
	225										
	250										
	315										
400											
500											

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	120	45	7	17,25	120	45
16	25,30	52	20	9	21,85	68	28
20	27,60	40	18	11	25,30	52	20
25	37,95	20	8	13,5	27,60	40	18
32	48,30	13	4	16	31,05	33	12
40	60,95	6	2	21	37,95	20	8
50	69,00	5	2	29	48,30	13	4
63	74,75	4	2	36	60,95	6	2
				42	69,00	5	2
				48	74,75		

** Base: Terminal block Phoenix Contact, further see page 76

Ex Stainless steel enclosures



Type: **Ex e 35.40 30 16**

Ex ia 36.40 30 16



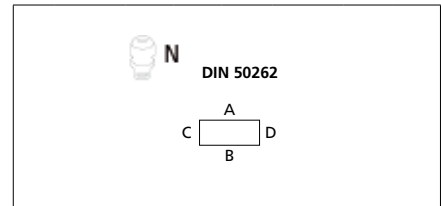
34.40 30 16

ATEX

h x w x d 300 x 400 x 161 mm

5288 g

l in mm	in mm	N	mm ²				
TS 35		38 x 6 mm ²					
390	352	1	50	•	•		



	1,5	2,5	4	6	10	16	25	35	50	70	95		
	**	172	138	116	88	70	29	23	23	18	14		
	N	2	2	2	2	2	1	1	1	1	1		
	6												
	10	58	106										
	16	22	40	66									
	20	9	25	42	71								
	25		12	26	42								
	35			8	19	38							
	50				3	15	31	102					
	63					5	17	34					
	80						7	18	31				
	100							8	17	31			
	125								7	16	30		
	160									6	14	25	
	200										5	12	
	225											2	7
	250												4
	315												
400													
500													

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	160	120	7	17,25	160	120
16	25,30	102	50	9	21,85	105	69
20	27,60	60	45	11	25,30	78	50
25	37,95	32	21	13,5	27,60	60	45
32	48,30	20	12	16	31,05	48	32
40	60,95	11	8	21	37,95	32	21
50	69,00	9	6	29	48,30	20	12
63	74,75	7	4	36	60,95	11	8
				42	69,00	9	6
				48	74,75		

** Base: Terminal block Phoenix Contact, further see page 76

Ex Stainless steel enclosures



Type: **Ex e 35.50 30 16**

Ex ia 36.50 30 16



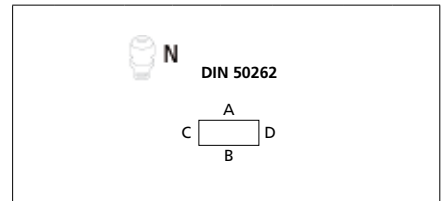
34.50 30 16

ATEX

h x w x d 300 x 500 x 161 mm

g 6257 g

l in mm	in mm	N	mm ²				
TS 35		48 x 6 mm ²					
490	452	1	50	•	•		



	1,5	2,5	4	6	10	16	25	35	50	70	95		
	**	214	172	144	108	88	72	29	29	26	18		
	2	2	2	2	2	2	1	1	1	1	1		
	6												
	10	60	109										
	16	23	41	68									
	20	10	25	43	72								
	25		12	27	43								
	35			8	20	39							
	50				3	16	32	105					
	63					5	18	35					
	80						7	19	32				
	100							9	17	32			
	125								7	17	31		
	160									6	14	25	
	200										6	12	
	225											2	7
	250												4
	315												
400													
500													

M	Side		PG	Side			
	A/B	C/D		A/B	C/D		
12	17,25	208	120	7	17,25	208	120
16	25,30	102	50	9	21,85	137	69
20	27,60	80	45	11	25,30	102	50
25	37,95	42	21	13,5	27,60	80	45
32	48,30	28	12	16	31,05	63	32
40	60,95	14	8	21	37,95	42	21
50	69,00	12	6	29	48,30	28	12
63	74,75	9	4	36	60,95	14	8
				42	69,00	12	6
				48	74,75		

** Base: Terminal block Phoenix Contact, further see page 76

Ex Stainless steel enclosures





Type: **Ex e 35.50 40 16**







Ex ia 36.50 40 16





 **34.50 40 16**

ATEX



 **400 x 500 x 161 mm**

 **7353 g**

															
l in mm	in mm	N	mm ²												
TS 35		48 x 6 mm ²													
490	452	3	95	•	•										

		1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240
	**	425	345	290	215	140	87	46	46	36	14	14	11	11		
	N	4	4	4	4	3	3	2	2	2	1	1	1	1		
 A	6															
	10	68	123													
	16	26	46	77												
	20	11	28	48	82											
	25		14	30	49											
	35			9	23	44										
	50				3	18	36	118								
	63					6	20	40								
	80						8	21	36							
	100							10	19	36						
	125								8	19	35					
	160									7	16	29	73			
	200										6	14	23	40		
	225											2	8	15	24	
	250												5	10	17	
	315													2	6	
400																
500																

** Base: Terminal block Phoenix Contact, further see page 76

 **N**
DIN 50262

 A
 C B D

M	Side			PG	Side		
	A/B	C/D			A/B	C/D	
12	17,25	208	164	7	17,25	208	164
16	25,30	102	70	9	21,85	137	96
20	27,60	80	63	11	25,30	102	70
25	37,95	42	28	13,5	27,60	80	63
32	48,30	28	18	16	31,05	63	44
40	60,95	14	12	21	37,95	42	28
50	69,00	12	8	29	48,30	28	18
63	74,75	9	6	36	60,95	14	12
				42	69,00	12	8
				48	74,75		

Ex Stainless steel enclosures



Type: **Ex e 35.60 20 12**

Ex ia 36.60 20 12



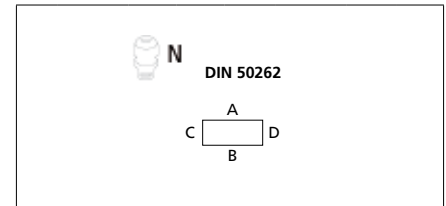
34.60 20 12

ATEX

h x w x d 200 x 600 x 121 mm

5818 g

l in mm	in mm	N	mm ²								
TS 35		58 x 6 mm ²									
590	552	1	25	•	•						



	1,5	2,5	4	6	10	16	25	35	50	70	95
**	262	212	178	134	54	45	36	36	27		
N	2	2	2	2	1	1	1	1	1		
A	6										
	10	43	78								
	16	16	29	49							
	20	7	18	31	52						
	25		9	19	31						
	35			6	14	28					
	50				2	11	23	75			
	63					4	13	25			
	80						5	13	23		
	100							6	12	23	
	125								5	12	
	160									4	
	200										
	225										
	250										
	315										
400											
500											

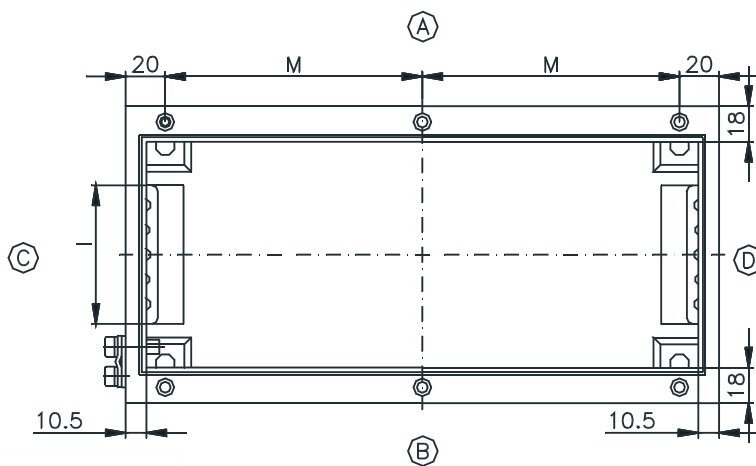
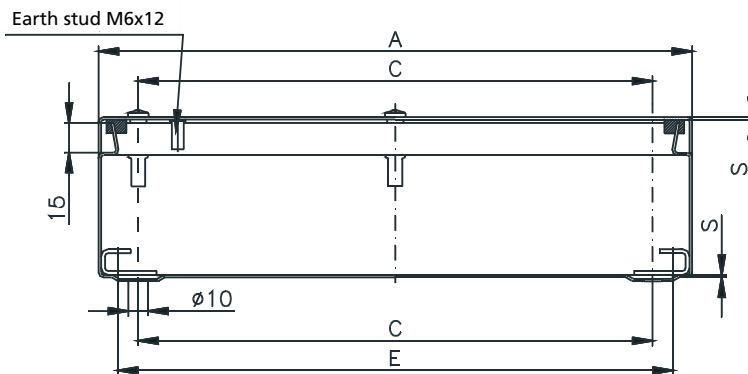
M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	192	45	7	17,25	192	45
16	25,30	64	20	9	21,85	108	28
20	27,60	64	18	11	25,30	84	20
25	37,95	32	8	13,5	27,60	64	18
32	48,30	22	4	16	31,05	51	12
40	60,95	10	2	21	37,95	32	8
50	69,00	8	2	29	48,30	22	4
63	74,75	7	2	36	60,95	10	2
				42	69,00	8	2
				48	74,75		

** Base: Terminal block Phoenix Contact, further see page 76

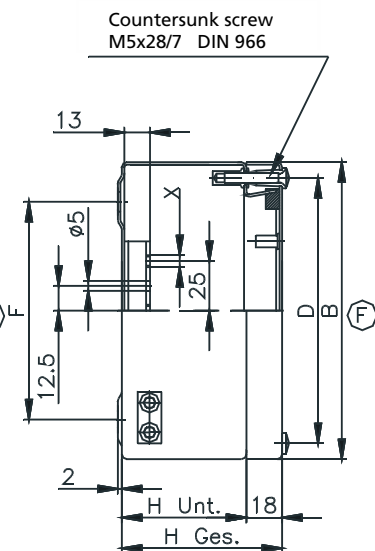
Ex Stainless steel enclosures



Order No.			Dimensions (mm)												Depth H _{Unt.} H _{Ges.}
Ex e	Ex ia	Empty enclosure	Width A	Height B	C	D	E	F	I	S	M	X	H _U		
35.10 10 06	36.10 10 06	34.10 10 06	100	100	60	84	81	60	20	1,25	-	M4	43	61	
35.15 10 06	36.15 10 06	34.15 10 06	150	100	110	84	131	60	20	1,25	-	M4	43	61	
35.15 15 08	36.15 15 08	34.15 15 08	150	150	110	134	131	110	70	1,25	-	M6	63	81	
35.20 10 06	36.20 10 06	34.20 10 06	200	100	160	84	181	60	20	1,25	-	M4	43	61	
35.20 20 08	36.20 20 08	34.20 20 08	200	200	160	184	181	160	120	1,25	-	M6	63	81	
35.20 20 12	36.20 20 12	34.20 20 12	200	200	160	184	181	160	120	1,25	-	M6	103	121	
35.30 15 08	36.30 15 08	34.30 15 08	300	150	260	134	281	110	70	1,25	-	M6	63	81	
35.30 20 08	36.30 20 08	34.30 20 08	300	200	260	184	281	160	120	1,25	-	M6	63	81	
35.30 20 12	36.30 20 12	34.30 20 12	300	200	260	184	281	160	120	1,25	-	M6	103	121	
35.30 30 12	36.30 30 12	34.30 30 12	300	300	260	284	281	260	220	1,25	-	M6	103	121	
35.30 30 16	36.30 30 16	34.30 30 16	300	300	260	284	281	260	220	1,25	-	M6	143	161	
35.38 38 16	36.38 38 16	34.38 38 16	380	380	340	364	361	340	300	1,25	-	M6	143	161	
35.40 15 08	36.40 15 08	34.40 15 08	400	150	360	134	381	110	70	1,25	-	M6	63	81	
35.40 20 12	36.40 20 12	34.40 20 12	400	200	360	184	381	160	120	1,25	-	M6	103	121	
35.40 30 16	36.40 30 16	34.40 30 16	400	300	360	284	381	260	220	1,25	-	M6	143	161	
35.50 30 16	36.50 30 16	34.50 30 16	500	300	460	284	481	260	220	1,25	230	M6	143	161	
35.50 40 16	36.50 40 16	34.50 40 16	500	400	460	384	481	360	320	1,25	230	M6	143	161	
35.60 20 12	36.60 20 12	34.60 20 12	600	200	560	184	581	160	120	1,5	280	M6	103	121	



Base



Ex Stainless steel flange enclosures ProtEx



Terminal mounting

Make	Phoenix															
DIN rail TS 15				X	X			X								
DIN rail TS 32																
DIN rail TS 35	X	X	X			X	X		X	X	X	X	X	X	X	
Voltage (V)	352	550	690	275	420	690	690	275	690	690	690	690	880	1100	1100	
Current (A)	17	22	23	22,5	27	32,5	43,5	37	57	74	118,5	137	216	256	350	
Nominal cross section (mm ²)	1,5	2,5	2,5	2,5	4	4	6	6	10	16	35	50	95	150	240	
Terminal width (mm)	4,2	5,2	5,2	5,2	6,2	6,2	8,2	8,2	10,2	12,2	16	20	25	31	36	
Terminal Type																
Enclosure Type	UK 1,5 N	UK 2,5 N	UK 3 N	MBK 3/E-Z	MXK 4	UK 5 N	UK 6 N	MBK 6/E	UK 10 N	UK 16 N	UK 35	UKH 50	UKH 95	UKH 150	UKH 240	
34/35/36.06 02 00	99	81	81	81	66	66	51	51	26	22	9	7				
34/35/36.06 03 00	176	144	144	144	90	90	66	66	54	30	12	9	7			
34/35/36.06 04 00	186	150	150	150	126	126	93	93	52	42	18	13	5			
34/35/36.06 05 00	400	325	325	325	252	252	192	192	132	84	44	26	13	8	7	
34/35/36.06 06 00	602	483	483	483	348	348	264	264	175	116	69	36	14	11	10	
34/35/36.06 07 00	450	365	365	365	244	244	184	184	111	93	50	22	15	7	6	
34/35/36.06 08 00	714	576	576	576	424	424	320	320	196	164	84	50	26	16	13	
34/35/36.06 09 00	1184	952	952	952	700	700	525	525	300	250	120	63	34	20	17	
34/35/36.06 10 00	1071	861	861	861	620	620	470	470	315	217	126	64	30	20	17	
34/35/36.06 11 00	1612	1300	1300	1300	952	952	720	720	459	360	192	111	60	32	28	
34/35/36.06 12 00	1701	1377	1377	1377	1024	1024	776	776	468	325	208	117	62	30	26	
34/35/36.06 13 00	2255	1815	1815	1815	1300	1300	975	975	600	490	240	155	72	40	34	







PE terminal as required

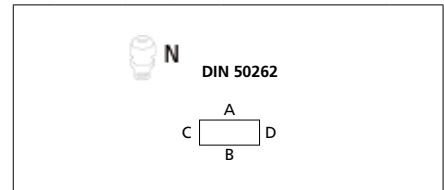
Ex Stainless steel flange enclosures ProtEx









Type: **Ex e 35.06 02 00** **Ex ia 36.06 02 00**  **34.06 02 00**

ATEX  **260 x 260 x 205 mm**  **4870 g**

							
l in mm	in mm						
TS 35							
198	153	M10	•	•	1 (B)		









	1,5	2,5	4	6	10	16	25	35	50	70	95	
 ***	99	81	66	51	26	22	9	9	7	5		
 N	3	3	3	3	2	2	1	1	1	1		
 A	6											
	10	60	108									
	16	23	41	67								
	20	9	25	43	72							
	25		12	26	43							
	35			8	20	39						
	50				3	16	32	104				
	63					5	18	35				
	80						7	19	32			
	100							9	17	32		
	125								7	16	31	
	160									6	14	
	200										6	
	225											2
	250											
	315											
	400											
500												

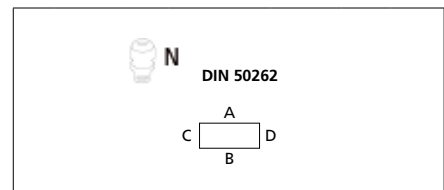
M		Side		PG		Side	
		A/B*	CD**			A/B*	CD**
12	17,25	98	75	7	17,25	98	75
16	25,30	43	34	9	21,85	60	45
20	27,60	34	25	11	25,30	43	34
25	37,95	18	13	13,5	27,60	34	25
32	48,30	10	7	16	31,05	28	21
40	60,95	6	4	21	37,95	18	13
50	69,00	4	4	29	48,30	10	7
63	74,75	4	2	36	60,95	6	4
				42	69,00	4	4
				48	74,75	4	2





* Standard only side B, optional side A
 ** Optional flange side C/D
 *** Base: Terminal block Phoenix Contact, further see page 90



Type: **Ex e 35.06 03 00** **Ex ia 36.06 03 00**  **34.06 03 00**

ATEX  **306 x 306 x 205 mm**  **6010 g**

							
l in mm	in mm						
TS 35							
244	199	M10	•	•	1 (B)		



	1,5	2,5	4	6	10	16	25	35	50	70	95	
 ***	176	144	90	66	54	30	12	12	9	7	7	
 N	4	4	3	3	3	2	1	1	1	1	1	
 A	6											
	10	64	116									
	16	24	43	72								
	20	10	27	46	77							
	25		13	28	46							
	35			9	21	41						
	50				3	17	34	111				
	63					6	19	37				
	80						8	20	34			
	100							9	18	34		
	125								8	18	33	
	160									7	15	
	200										6	
	225											2
	250											
	315											
	400											
500												

M		Side		PG		Side	
		A/B*	CD**			A/B*	CD**
12	17,25	125	98	7	17,25	125	98
16	25,30	58	43	9	21,85	77	60
20	27,60	43	34	11	25,30	58	43
25	37,95	24	18	13,5	27,60	43	34
32	48,30	13	10	16	31,05	38	28
40	60,95	8	6	21	37,95	24	18
50	69,00	6	4	29	48,30	13	10
63	74,75	6	4	36	60,95	8	6
				42	69,00	6	4
				48	74,75	6	4


* Standard only side B, optional side A
 ** Optional flange side C/D
 *** Base: Terminal block Phoenix Contact, further see page 90

Ex Stainless steel flange enclosures ProtEx





Type: **Ex e 35.06 05 00**







Ex ia 36.06 05 00





 **34.06 05 00**

ATEX

 **458 x 382 x 205 mm**

 **9120 g**


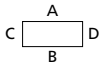
															
l in mm	in mm				N										
TS 35															
320	275	M10	•	•	1 (B)										

	1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240	
	***	400	325	252	192	132	84	44	44	26	13	13	8	8	7	7
	5	5	4	4	4	3	2	2	2	1	1	1	1	1	1	
	6															
	10	73	133													
	16	28	50	83												
	20	12	31	52	88											
	25		15	32	53											
	35			10	24	48										
	50				3	19	39	127								
	63					7	22	43								
	80						9	23	39							
	100							11	21	39						
	125								9	20	38					
	160									8	18	31	79			
	200										7	15	25	43		
	225											2	9	17	26	53
	250												5	11	18	29
	315													2	7	13
400															3	9
500																

* Standard only side B, optional side A

** Optional flange side C/D

*** Base: Terminal block Phoenix Contact, further see page 90

 **DIN 50262**


M	Side		PG	Side		
	A/B*	C/D**		A/B*	C/D**	
12	17,25	147	7	17,25	147	179
16	25,30	67	9	21,85	91	108
20	27,60	53	11	25,30	67	79
25	37,95	28	13,5	27,60	53	63
32	48,30	16	16	31,05	43	53
40	60,95	8	21	37,95	28	34
50	69,00	8	29	48,30	16	19
63	74,75	6	36	60,95	8	9
			42	69,00	8	8
			48	74,75	6	8

Ex Stainless steel flange enclosures ProtEx



Type: **Ex e 35.06 06 00**

Ex ia 36.06 06 00



34.06 06 00

ATEX

h x w x d

480 x 480 x 205 mm



11010 g

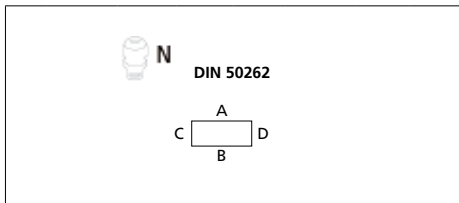
l in mm	in mm																		
TS 35																			
418	373	M10	•	•	1 (B)														

	1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240		
	***	602	483	348	264	175	116	69	69	36	14	14	11	11	10	10	
	N	5	5	5	4	4	4	3	3	2	2	2	1	1	1	1	
	6																
	10	79	144														
	16	30	54	90													
	20	13	33	57	96												
	25		16	35	57												
	35			11	27	51											
	50				4	21	43	138									
	63					7	24	46									
	80						10	25	42								
	100							11	23	42							
	125								10	22	41						
	160									8	19	34	86				
	200										8	16	27	47			
	225											3	10	18	28	57	
	250												5	12	20	32	
	315														3	7	14
400																3	10
500																	

* Standard only side B, optional side A

** Optional flange side C/D

*** Base: Terminal block Phoenix Contact, further see page 90



M		Side		PG		Side	
		A/B*	C/D**			A/B*	C/D**
12	17,25	201	179	7	17,25	201	179
16	25,30	91	79	9	21,85	122	108
20	27,60	70	63	11	25,30	91	79
25	37,95	38	34	13,5	27,60	70	63
32	48,30	22	19	16	31,05	61	53
40	60,95	12	9	21	37,95	38	34
50	69,00	10	8	29	48,30	22	19
63	74,75	8	8	36	60,95	12	9
				42	69,00	10	8
				48	74,75	8	8

Ex Stainless steel flange enclosures ProtEx



Type: **Ex e 35.06 07 00**

Ex ia 36.06 07 00

34.06 07 00

ATEX

h x w x d 500 x 350 x 205 mm

9 9190 g

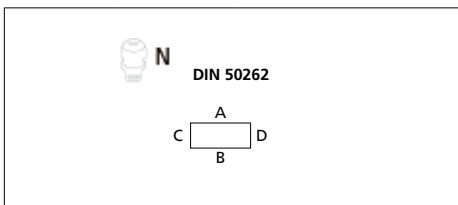
l in mm	in mm																	
TS 35																		
288	243	M10	•	•				1 (B)										

	1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240	
	***	450	365	244	184	111	93	50	50	22	15	15	7	7	6	6
	N	5	5	5	4	3	3	3	3	2	1	1	1	1	1	1
	6															
	10	72	131													
	16	28	49	81												
	20	11	30	51	87											
	25		15	32	52											
	35			10	24	47										
	50				3	19	39	125								
	63					7	21	42								
	80						9	23	38							
	100							10	21	38						
	125								9	20	37					
	160									8	17	30	78			
	200										7	15	24	42		
	225											2	9	16	26	52
	250												5	11	18	29
	315													2	7	12
400															3	9
500																

* Standard only side B, optional side A

** Optional flange side C/D

*** Base: Terminal block Phoenix Contact, further see page 90



M		Side		PG		Side		
		A/B*	C/D**			A/B*	C/D**	
12		17,25	147	201	7	17,25	147	201
16		25,30	67	91	9	21,85	91	122
20		27,60	53	70	11	25,30	67	91
25		37,95	28	38	13,5	27,60	53	70
32		48,30	16	22	16	31,05	43	61
40		60,95	8	12	21	37,95	28	38
50		69,00	8	10	29	48,30	16	22
63		74,75	6	8	36	60,95	8	12
					42	69,00	8	10
					48	74,75	6	8

Ex Stainless steel flange enclosures ProtEx













Type: **Ex e 35.06 08 00** **Ex ia 36.06 08 00**  **34.06 08 00**

ATEX


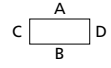
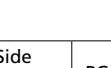
h x w x d 620 x 450 x 205 mm



 **12790 g**

															
l in mm	in mm														
TS 35															
438	393	M10	•	•	1 (B)										

	1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240	
	***	714	576	424	320	196	164	84	84	50	26	26	16	16	13	13
	N	9	9	8	8	6	5	4	4	3	2	2	1	1	1	1
 A	6															
	10	82	149													
	16	31	56	93												
	20	13	34	59	99											
	25		17	36	59											
	35			11	27	53										
	50				4	22	44	142								
	63					7	25	48								
	80						10	26	44							
	100							12	23	43						
	125								10	23	42					
	160									9	20	35	88			
	200										8	17	27	48		
	225										3	10	19	29	59	
	250											6	13	20	33	
	315												3	8	14	26
400														3	10	
500																

- * Standard only side B, optional side A
- ** Optional flange side C/D
- *** Base: Terminal block Phoenix Contact, further see page 90

 N **DIN 50262**
 A
 C B D


M		Side		PG		Side	
		A/B*	C/D**			A/B*	C/D**
12	17,25	201	255	7	17,25	201	255
16	25,30	91	115	9	21,85	122	154
20	27,60	70	88	11	25,30	91	115
25	37,95	38	48	13,5	27,60	70	88
32	48,30	22	28	16	31,05	61	76
40	60,95	12	16	21	37,95	38	48
50	69,00	10	14	29	48,30	22	28
63	74,75	8	12	36	60,95	12	16
				42	69,00	10	14
				48	74,75	8	12

Ex Stainless steel flange enclosures ProtEx













Type: **Ex e 35.06 09 00** **Ex ia 36.06 09 00**  **34.06 09 00**

ATEX

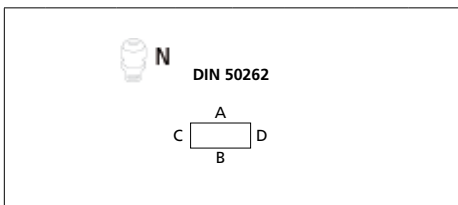
 **740 x 550 x 205 mm**

 **18200 g**

					 N										
l in mm	in mm														
TS 35															
488	443	M10	•	•	1 (B)										

	1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240	
 ***	1184	952	700	525	300	250	120	120	63	34	34	20	20	17	17	
 N	11	11	9	9	7	7	4	4	3	2	2	1	1	1	1	
 A	6															
	10	92	167													
	16	35	63	104												
	20	15	39	66	111											
	25		19	41	66											
	35			12	31	60										
	50				4	24	49	159								
	63					8	27	54								
	80						11	29	49							
	100							13	26	49						
	125								12	25	47					
	160									10	22	39	99			
	200										9	19	31	54		
	225											3	12	21	33	66
	250												6	14	23	37
	315													3	9	16
400															4	11
500																

- * Standard only side B, optional side A
- ** Optional flange side C/D
- *** Base: Terminal block Phoenix Contact, further see page 90




M	Side		PG	Side			
	A/B*	C/D**		A/B*	C/D**		
12	17,25	255	323	7	17,25	255	323
16	25,30	115	148	9	21,85	154	199
20	27,60	88	113	11	25,30	115	148
25	37,95	48	62	13,5	27,60	88	113
32	48,30	28	37	16	31,05	76	98
40	60,95	16	20	21	37,95	48	62
50	69,00	14	18	29	48,30	28	37
63	74,75	12	14	36	60,95	16	20
				42	69,00	14	18
				48	74,75	12	14

Ex Stainless steel flange enclosures ProtEx




Type: **Ex e 35.06 10 00**







Ex ia 36.06 10 00





 **34.06 10 00**

ATEX

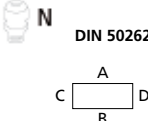
 **762 x 508 x 205 mm**

 **13930 g**

																	
l in mm	in mm																
TS 35																	
446	401	M10	•	•	1 (B)												



		1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240	
	***	1071	861	620	470	315	217	126	126	64	30	30	20	20	17	17	
	N	11	11	10	10	8	7	5	5	3	2	2	1	1	1	1	
	6																
	10	89	162														
	16	34	61	101													
	20	14	38	64	107												
	25		18	40	64												
	35			12	30	58											
	50				4	24	48	155									
	63					8	27	52									
	80						11	28	47								
	100							13	26	47							
	125								11	25	46						
	160									10	21	38	96				
	200										9	18	30	52			
	225											3	11	20	32	64	
	250												6	14	22	36	
	315														3	8	15
400																4	11
500																	

- * Standard only side B, optional side A
- ** Optional flange side C/D
- *** Base: Terminal block Phoenix Contact, further see page 90



DIN 50262

A
C D
B

M		Side		PG		Side	
		A/B*	C/D**			A/B*	C/D**
12	17,25	201	323	7	17,25	201	323
16	25,30	91	148	9	21,85	122	199
20	27,60	70	113	11	25,30	91	148
25	37,95	38	62	13,5	27,60	70	113
32	48,30	22	37	16	31,05	61	98
40	60,95	12	20	21	37,95	38	62
50	69,00	10	18	29	48,30	22	37
63	74,75	8	14	36	60,95	12	20
				42	69,00	10	18
				48	74,75	8	14

Ex Stainless steel flange enclosures ProtEx




Type: **Ex e 35.06 11 00**







Ex ia 36.06 11 00





 **34.06 11 00**

ATEX

 **860 x 640 x 205 mm**

 **18540 g**

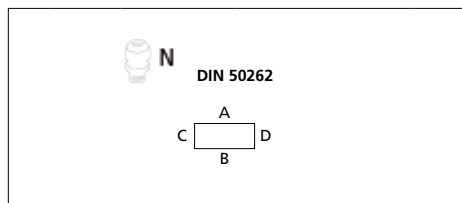
																
l in mm	in mm															
TS 35																
578	533	M10	•	•	1 (B)											

		1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240
	***	1612	1300	952	720	459	360	192	192	111	60	60	32	32	28	28
	N	13	13	11	11	9	8	5	5	4	3	3	2	2	2	2
 A	6															
	10	101	183													
	16	39	69	114												
	20	16	43	72	122											
	25		21	45	73											
	35			14	34	66										
	50				5	27	54	175								
	63					9	30	59								
	80						12	32	54							
	100							15	29	54						
	125								13	28	52					
	160									11	24	43	109			
	200										10	21	34	59		
	225											4	13	23	36	73
	250												7	16	25	41
	315													3	10	17
400															4	12
500																2

* Standard only side B, optional side A

** Optional flange side C/D

*** Base: Terminal block Phoenix Contact, further see page 90



M	Side		PG	Side			
	A/B*	C/D**		A/B*	C/D**		
12	17,25	250	358	7	17,25	250	358
16	25,30	116	158	9	21,85	154	216
20	27,60	86	126	11	25,30	116	158
25	37,95	48	68	13,5	27,60	86	126
32	48,30	26	38	16	31,05	76	106
40	60,95	16	18	21	37,95	48	68
50	69,00	12	16	29	48,30	26	38
63	74,75	12	16	36	60,95	16	18
				42	69,00	12	16
				48	74,75	12	16

Ex Stainless steel flange enclosures ProtEx





Type: **Ex e 35.06 12 00**







Ex ia 36.06 12 00




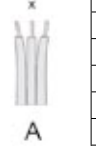
 **34.06 12 00**

ATEX

 **914 x 610 x 205 mm**

 **23460 g**

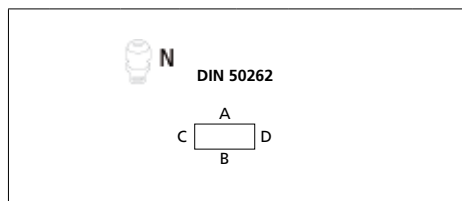
					 N												
l in mm	in mm																
TS 35																	
548	503	M10	•	•	1 (B)												



		1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240
	***	1701	1377	1024	776	468	325	208	208	117	62	62	30	30	26	26
 N		14	14	12	12	9	8	6	6	4	3	3	2	2	2	2
 A	6															
	10	100	181													
	16	38	68	113												
	20	16	42	71	120											
	25		20	44	72											
	35			14	33	65										
	50				5	27	54	173								
	63					9	30	58								
	80						12	31	53							
	100							15	29	53						
	125								13	28	51					
	160									11	24	42	108			
	200										10	20	34	59		
	225											4	13	23	36	72
	250												7	16	25	40
	315													3	10	17
400															4	12
500																2

* Standard only side B, optional side A

** Optional flange side C/D

*** Base: Terminal block Phoenix Contact, further see page 90



M		Side		PG		Side	
		A/B*	C/D**			A/B*	C/D**
12	17,25	250	358	7	17,25	250	358
16	25,30	116	158	9	21,85	154	216
20	27,60	86	126	11	25,30	116	158
25	37,95	48	68	13,5	27,60	86	126
32	48,30	26	38	16	31,05	76	106
40	60,95	16	18	21	37,95	48	68
50	69,00	12	16	29	48,30	26	38
63	74,75	12	16	36	60,95	16	18
				42	69,00	12	16
				48	74,75	12	16

Ex Stainless steel flange enclosures ProtEx



Type: **Ex e 35.06 13 00**

Ex ia 36.06 13 00

34.06 13 00

ATEX

h x w x d 980 x 740 x 205 mm

19040 g

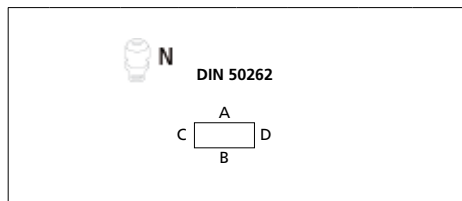
l in mm	in mm																	
TS 35																		
678	633	M10	•	•	4 (A/B/C/D)													

	1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240	
	***	2255	1815	1300	975	600	490	240	240	155	72	72	40	40	34	34
	N	15	15	13	13	10	9	6	6	5	3	3	2	2	2	2
	6															
	10	111	201													
	16	43	76	125												
	20	18	47	79	133											
	25		23	49	80											
	35			15	37	72										
	50				5	30	60	192								
	63					10	33	65								
	80						13	35	59							
	100							16	32	59						
	125								14	31	57					
	160									12	27	47	119			
	200										11	23	37	65		
	225										4	14	25	40	80	
	250											8	17	28	45	
	315												4	11	19	35
400														5	14	
500															2	

* Standard only side B, optional side A

** Optional flange side C/D

*** Base: Terminal block Phoenix Contact, further see page 90



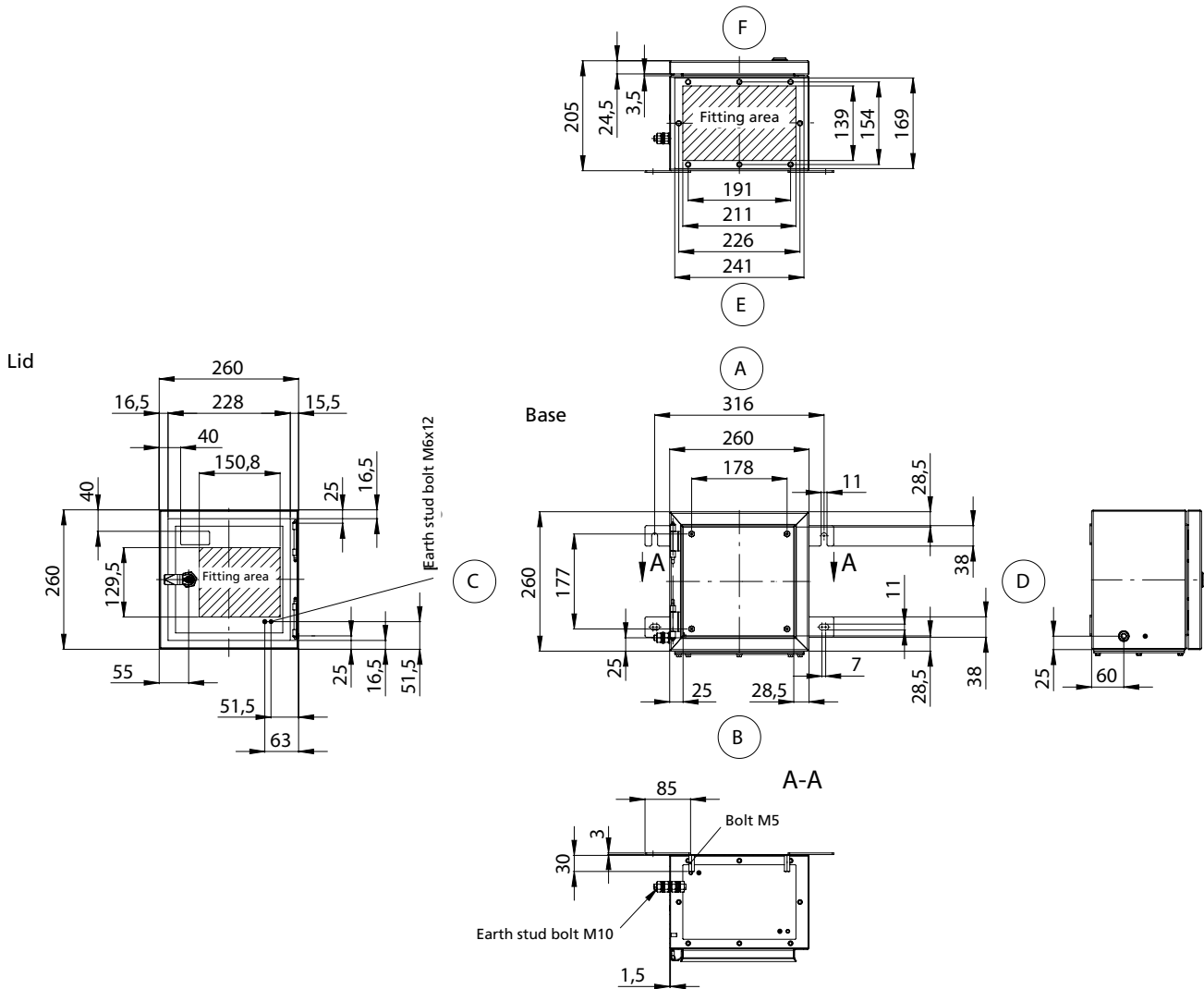
M		Side		PG		Side		
		A/B*	C/D**			A/B*	C/D**	
12		17,25	294	402	7	17,25	294	402
16		25,30	134	182	9	21,85	182	244
20		27,60	106	140	11	25,30	134	182
25		37,95	56	76	13,5	27,60	106	140
32		48,30	32	44	16	31,05	86	122
40		60,95	16	24	21	37,95	56	76
50		69,00	16	20	29	48,30	32	44
63		74,75	12	16	36	60,95	16	24
					42	69,00	16	20
					48	74,75	12	16

Ex Stainless steel flange enclosures ProtEx

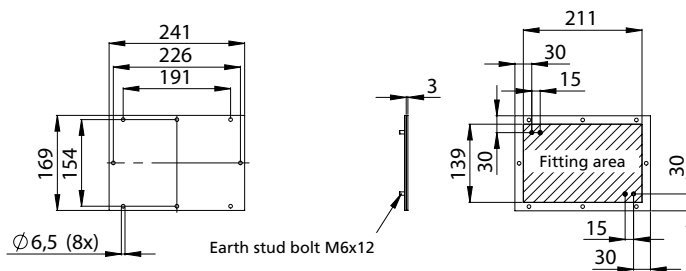


Dimensions

Type: 34./35./36.06 02 00



Flange dimensions

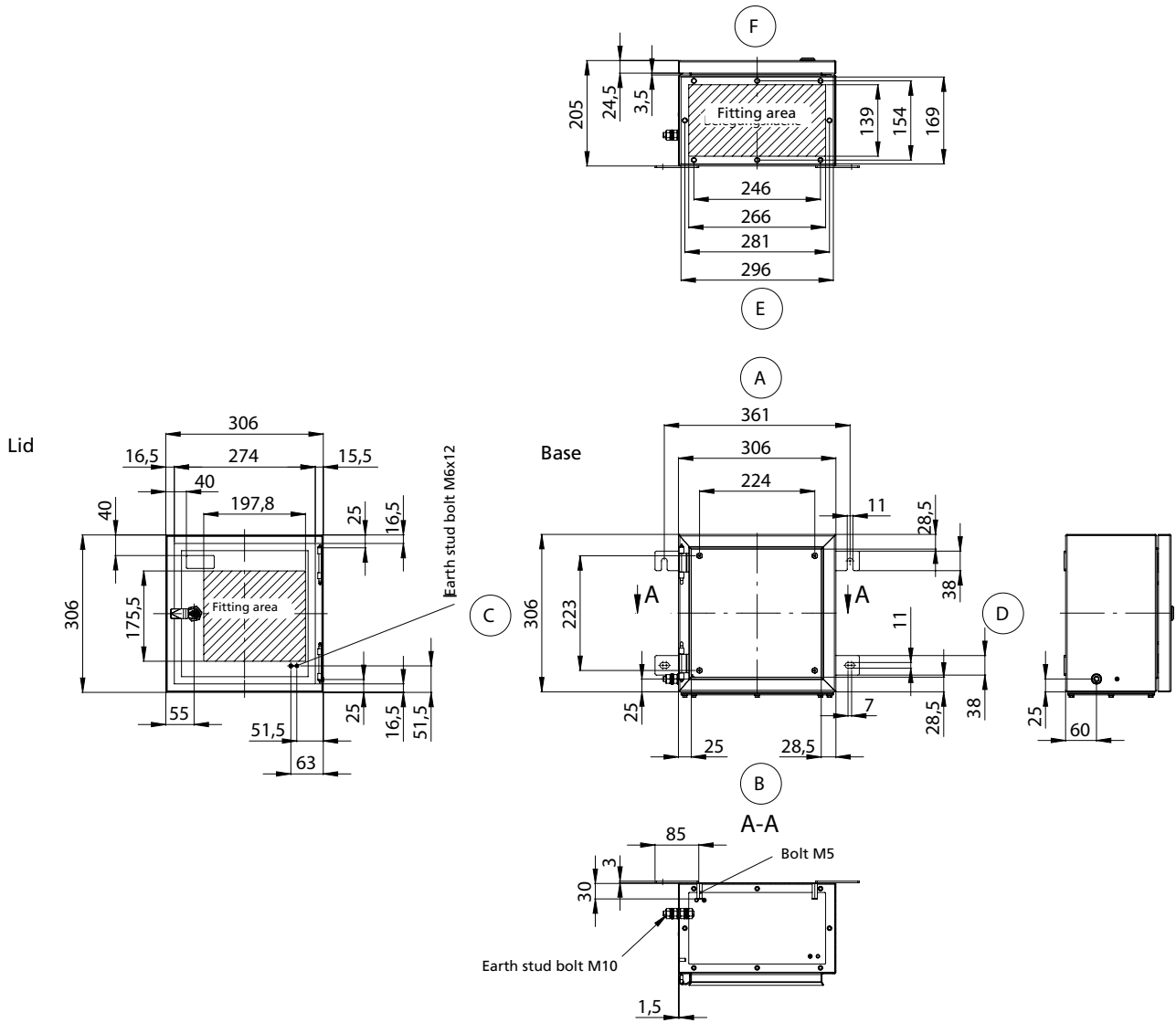


Ex Stainless steel flange enclosures ProtEx

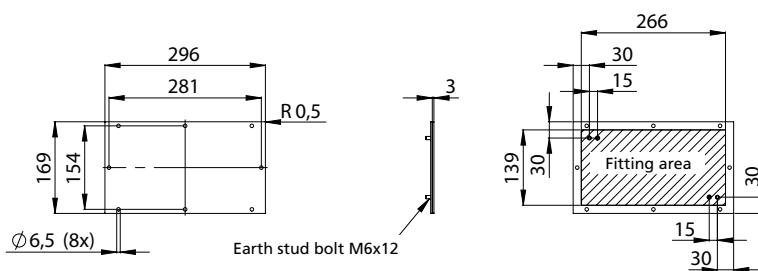


Dimensions

Type: 34./35./36.06 03 00



Flange dimensions

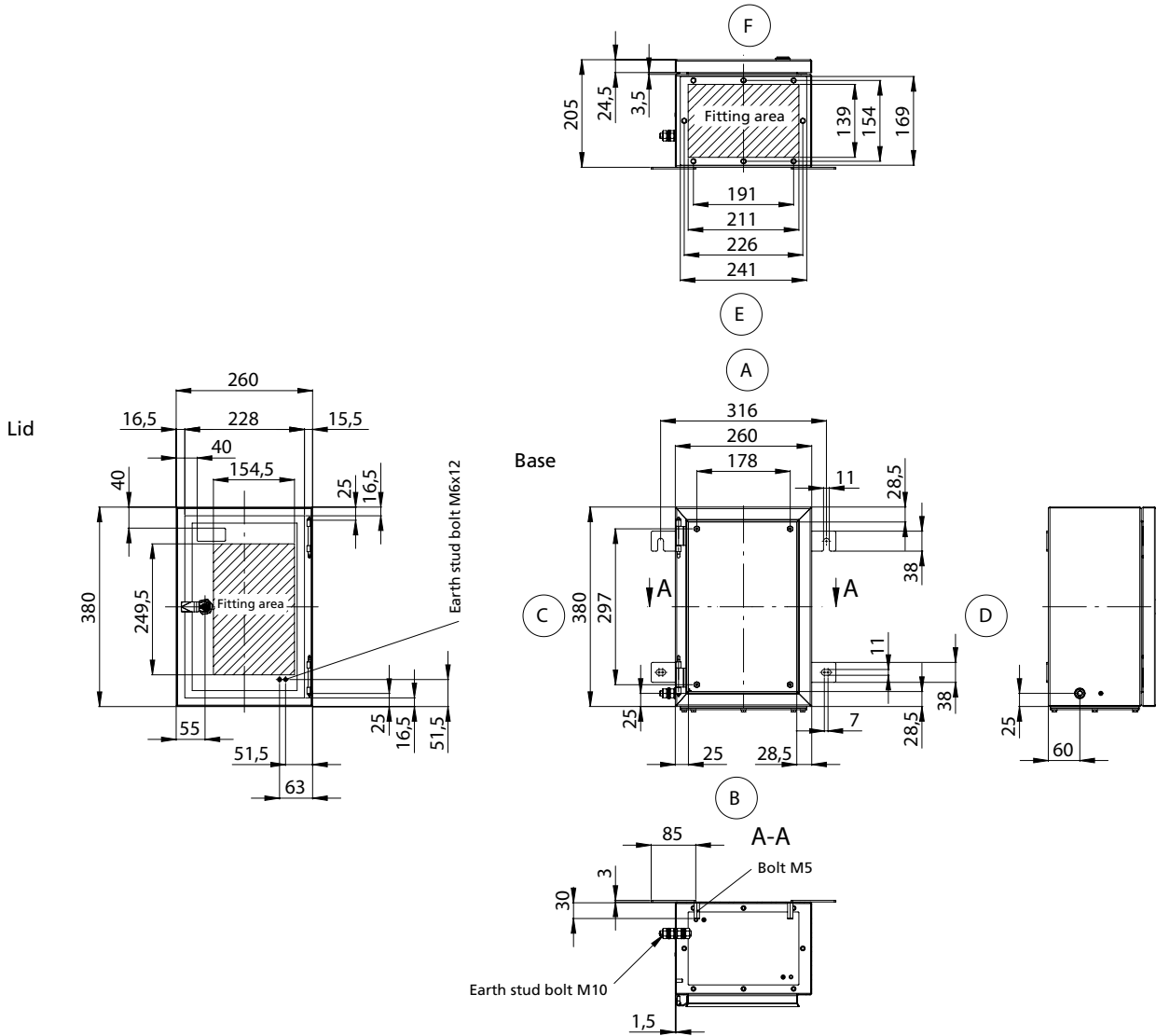


Ex Stainless steel flange enclosures ProtEx

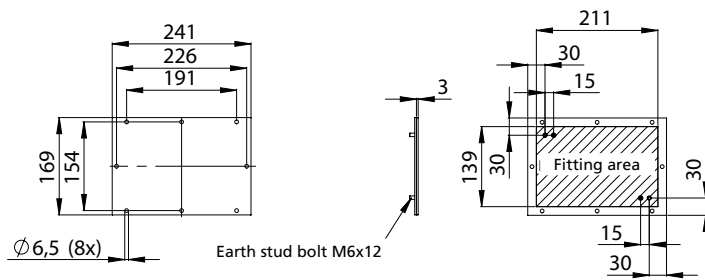


Dimensions

Type: 34./35./36.06 04 00



Flange dimensions

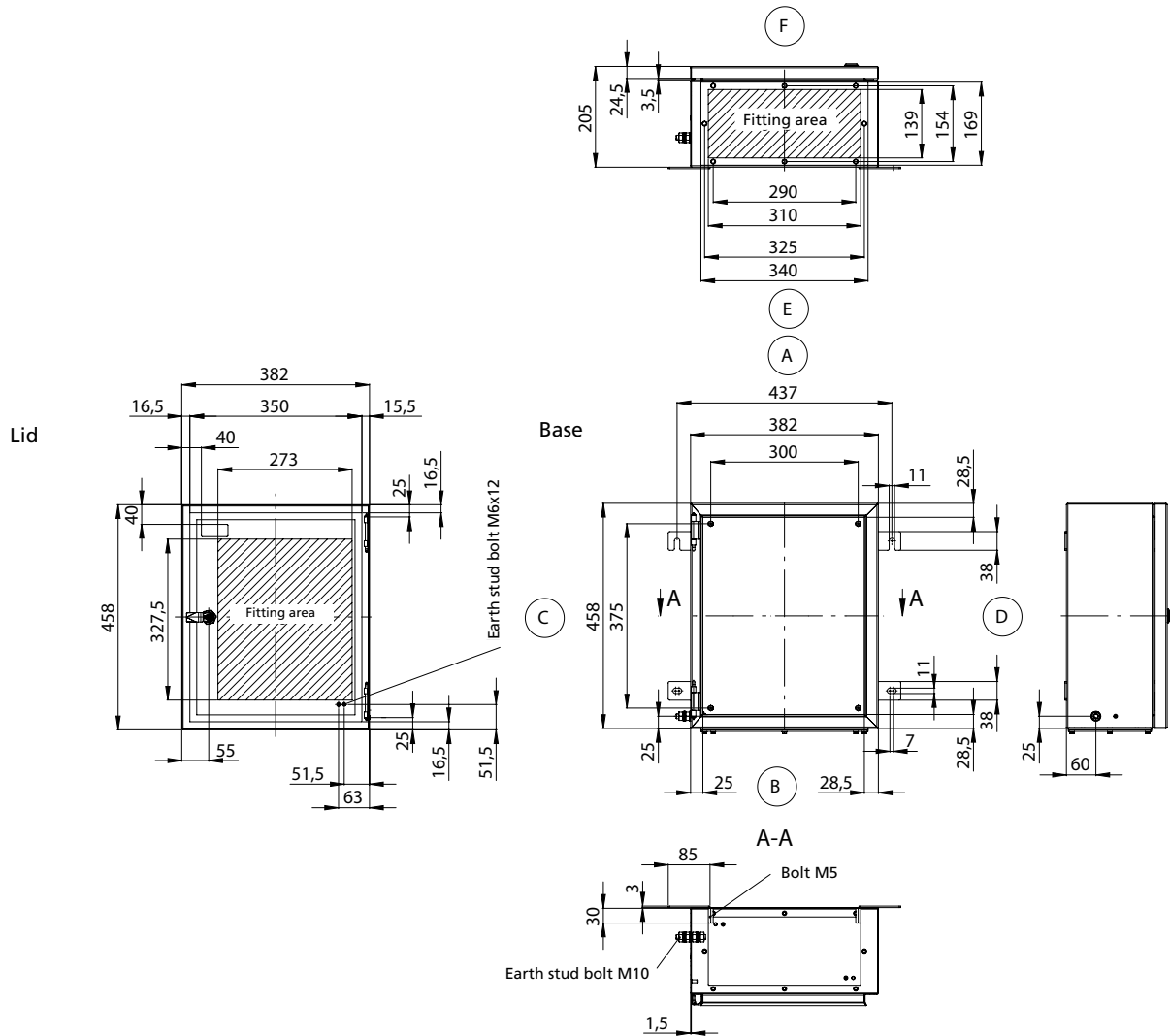


Ex Stainless steel flange enclosures ProtEx

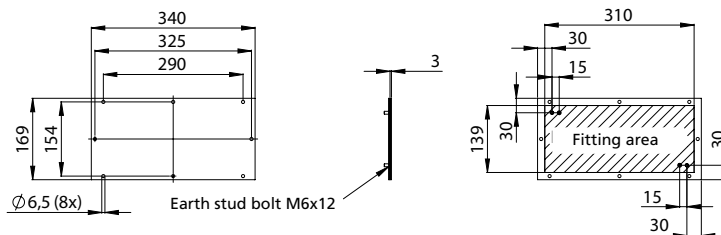


Dimensions

Type: 34./35./36.06 05 00



Flange dimensions

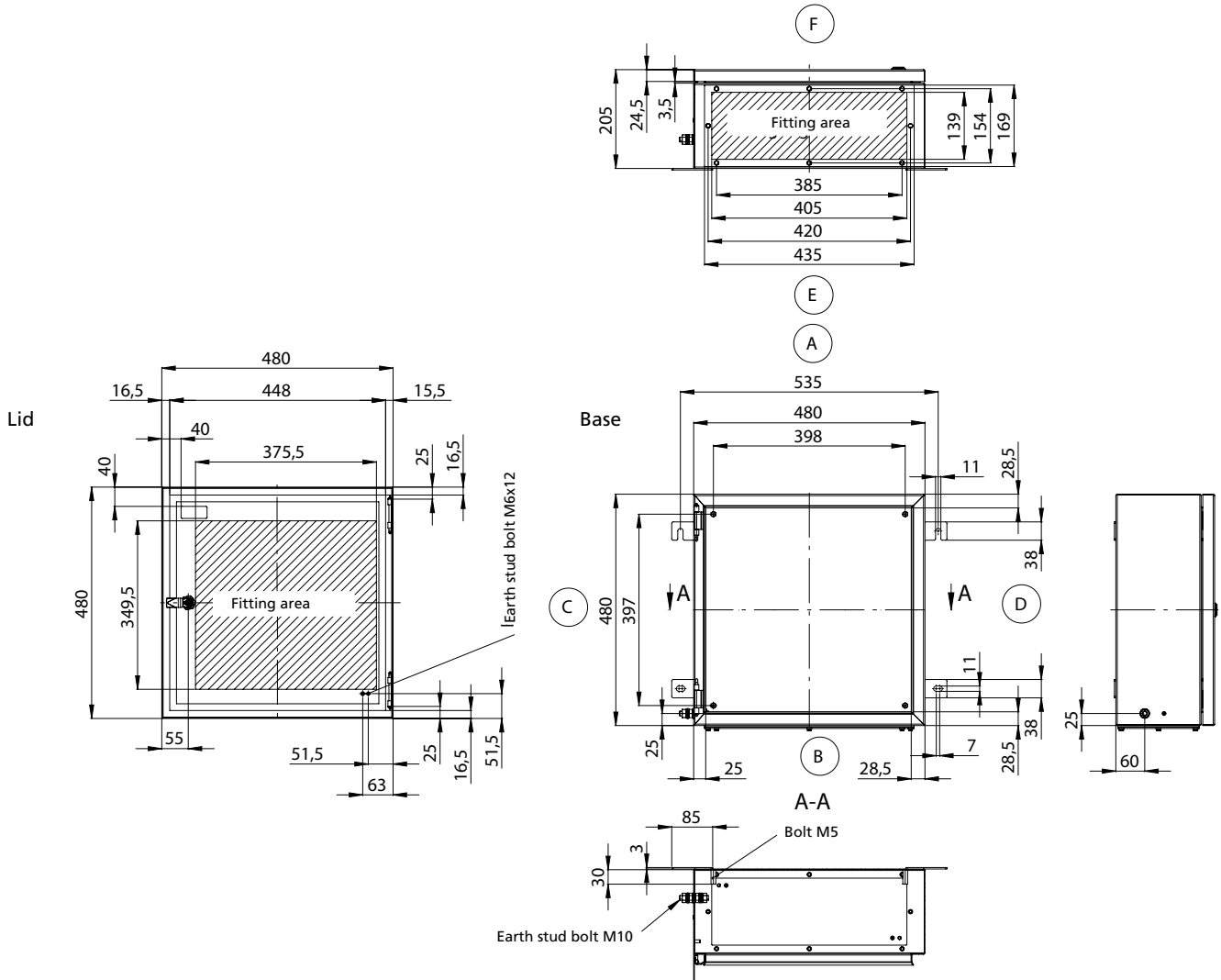


Ex Stainless steel flange enclosures ProtEx

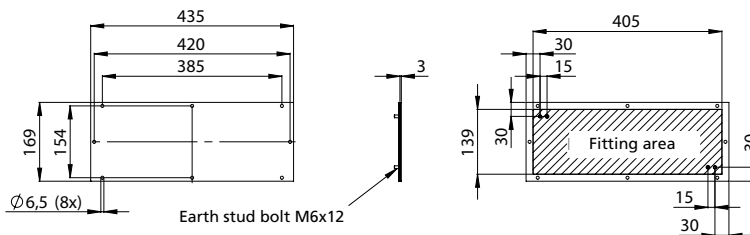


Dimensions

Type: 34./35./36.06 06 00



Flange dimensions

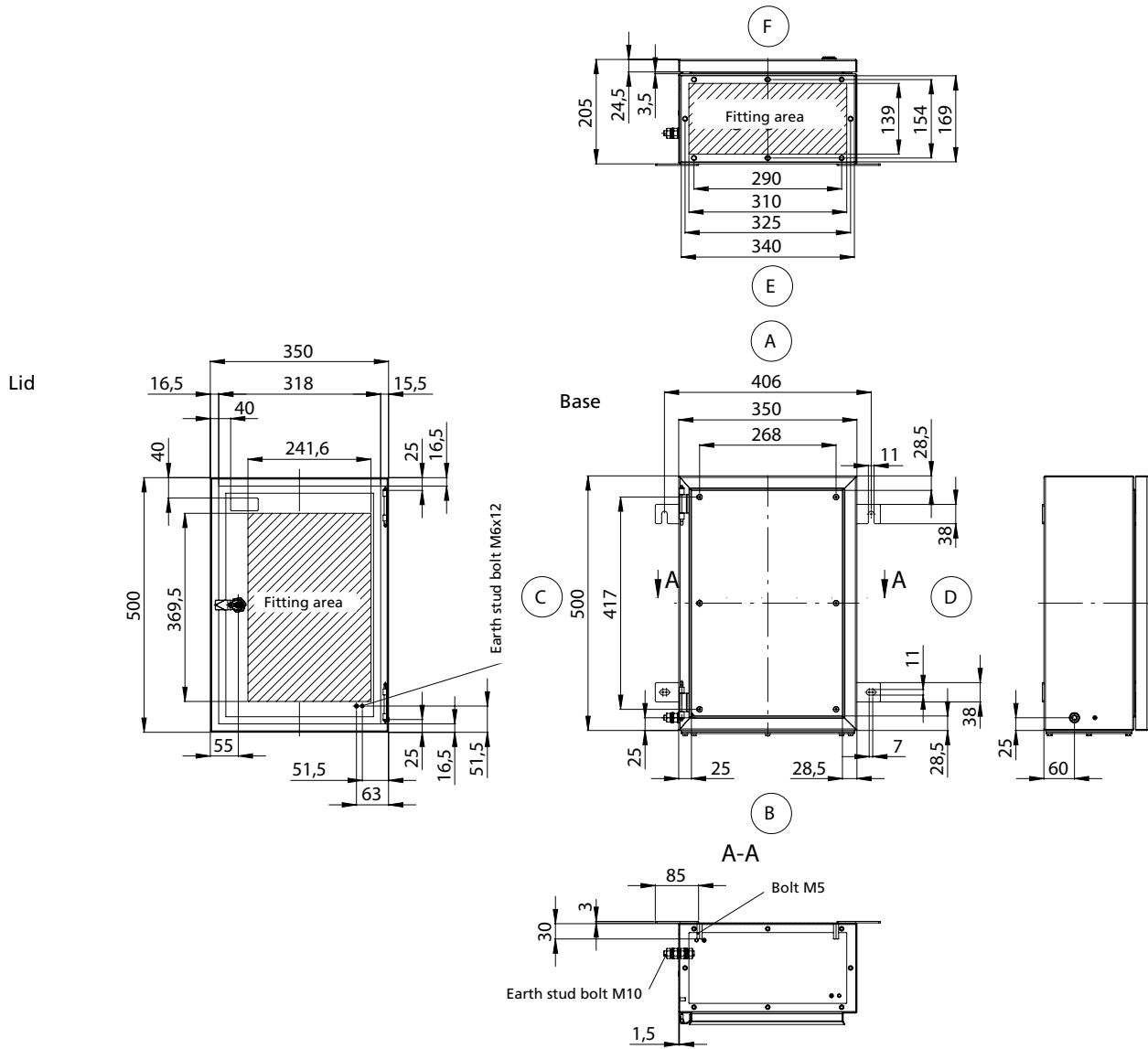


Ex Stainless steel flange enclosures ProtEx

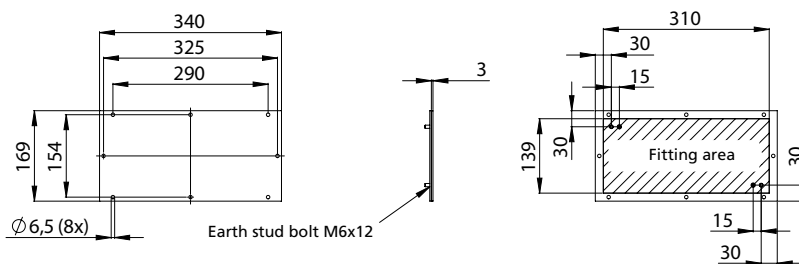


Dimensions

Type: 34./35./36.06 07 00



Flange dimensions

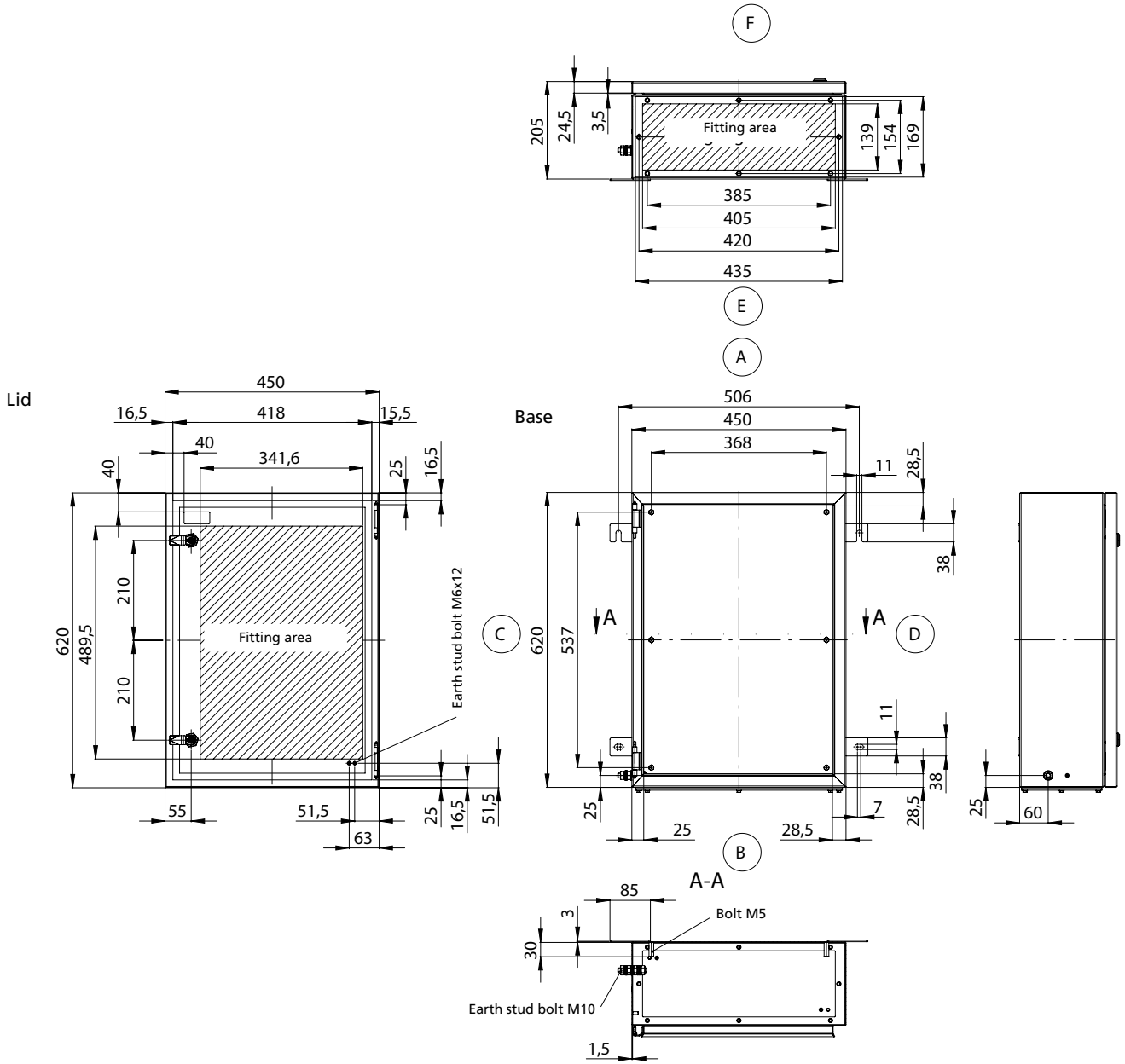


Ex Stainless steel flange enclosures ProtEx

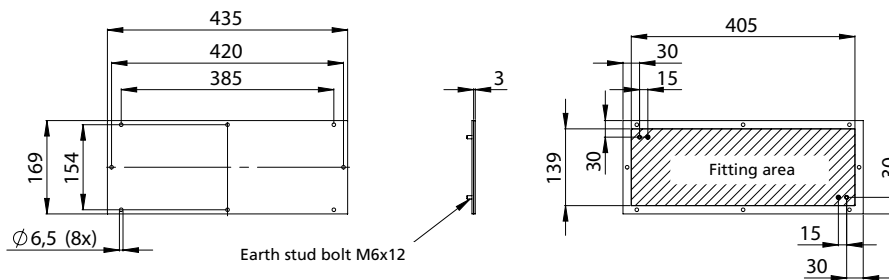


Dimensions

Type: 34./35./36.06 08 00



Flange dimensions

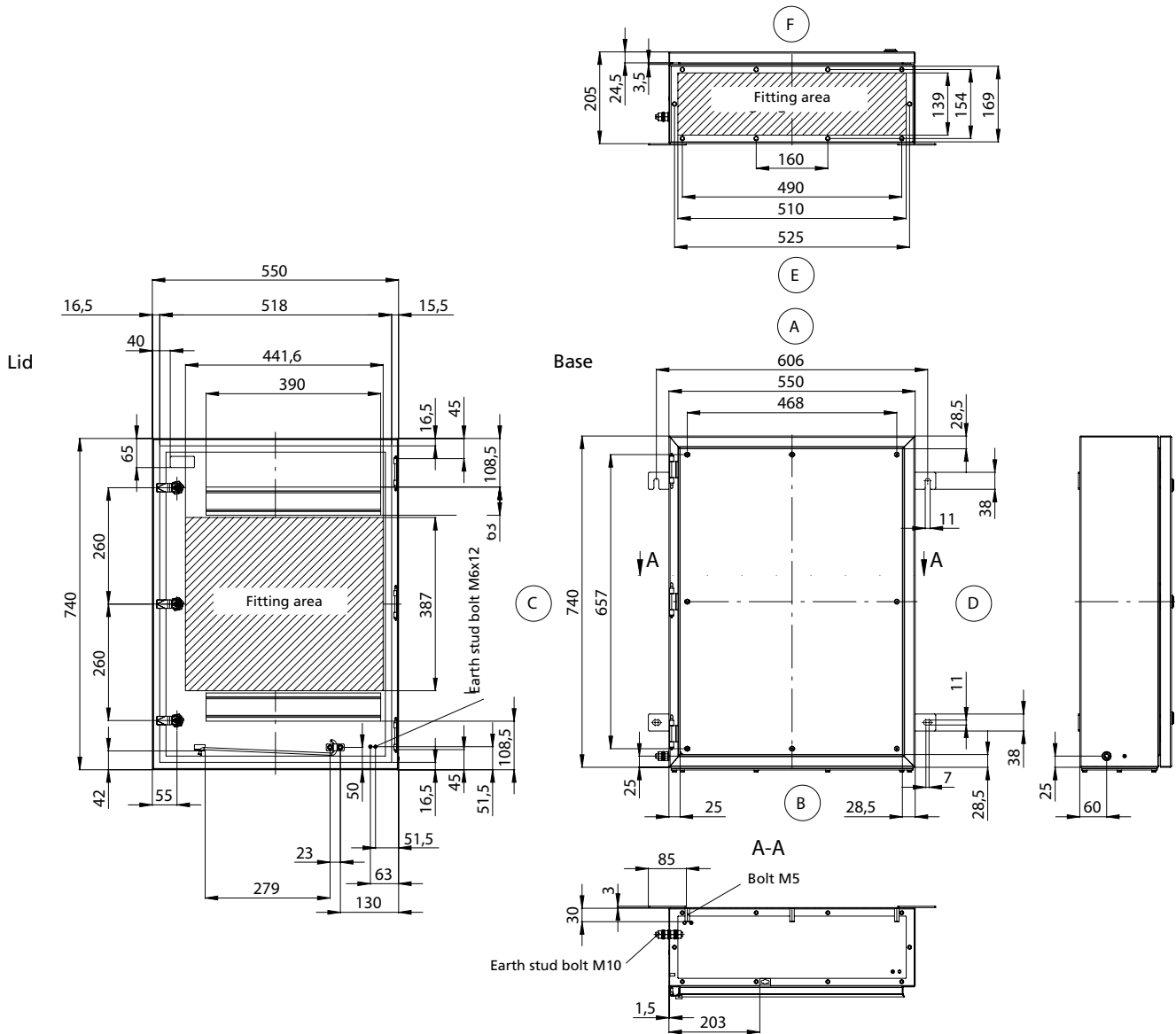


Ex Stainless steel flange enclosures ProtEx

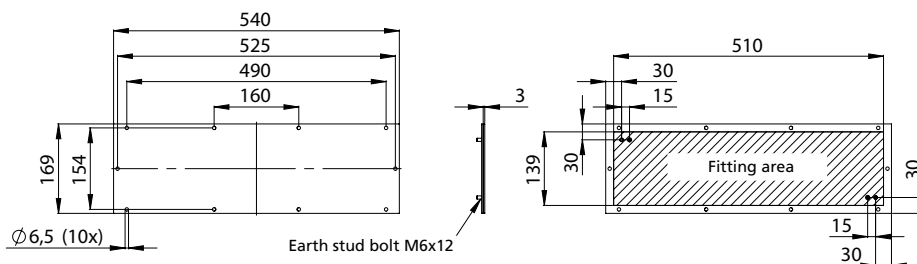


Dimensions

Type: 34./35./36.06 09 00



Flange dimensions

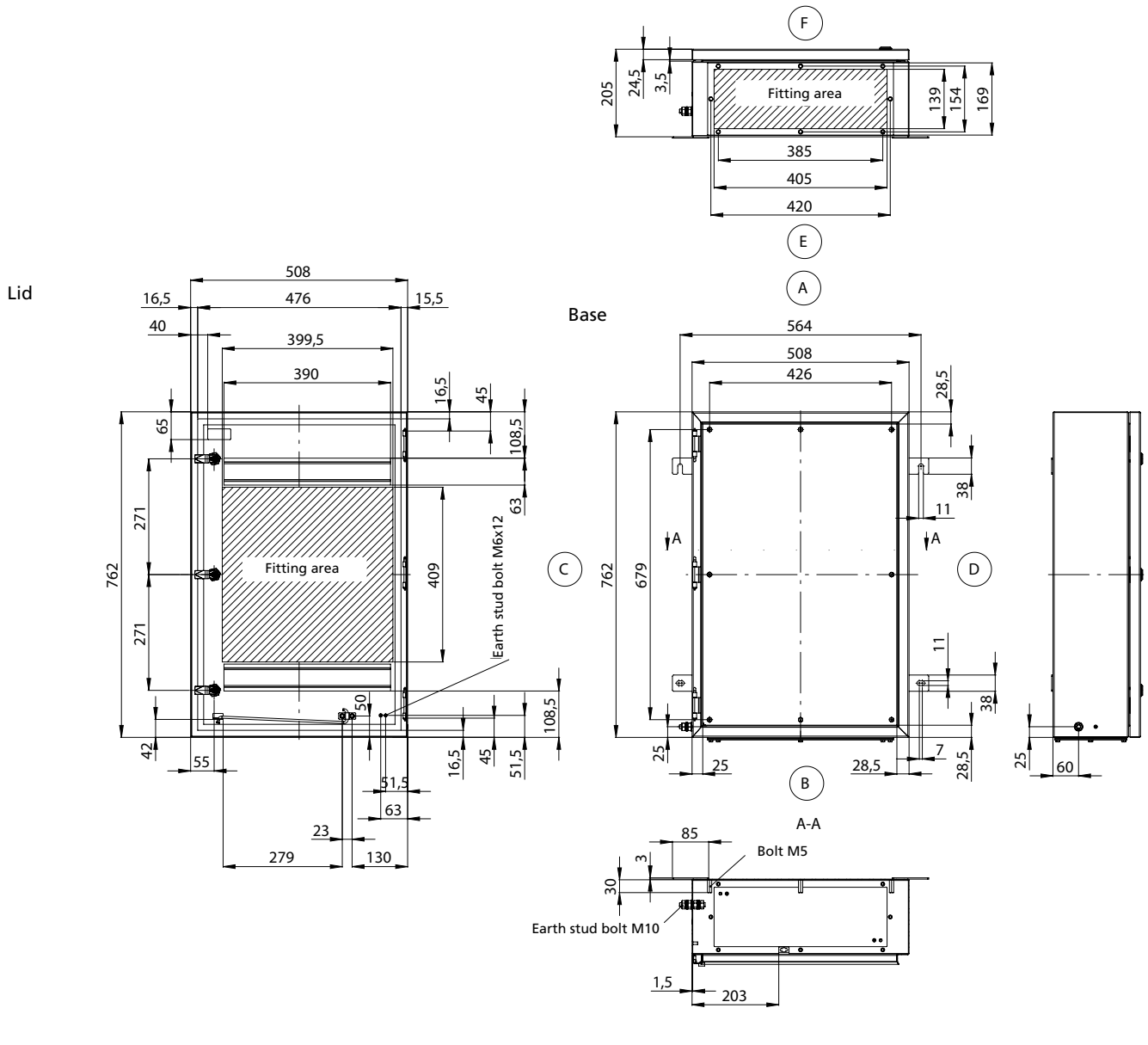


Ex Stainless steel flange enclosures ProtEx

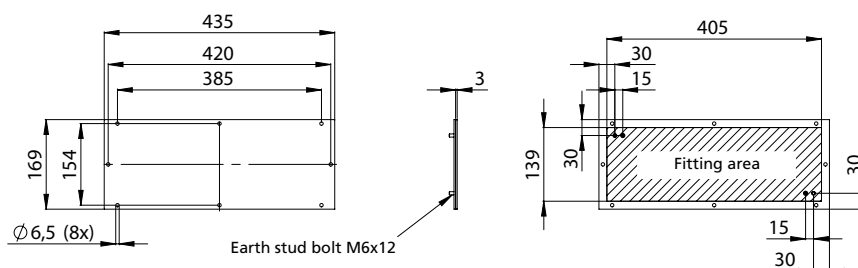


Dimensions

Type: 34./35./36.06 10 00



Flange dimensions

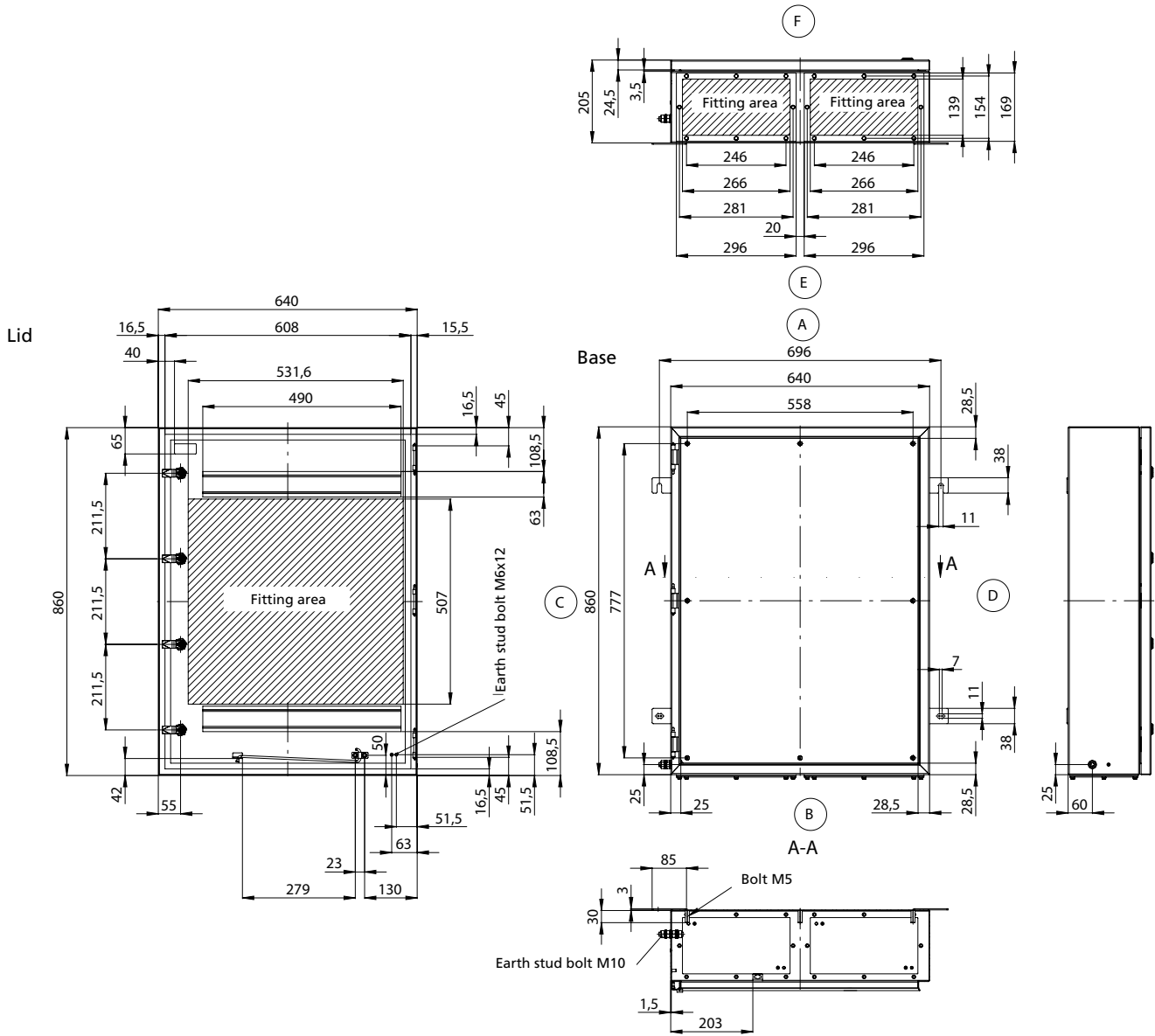


Ex Stainless steel flange enclosures ProtEx

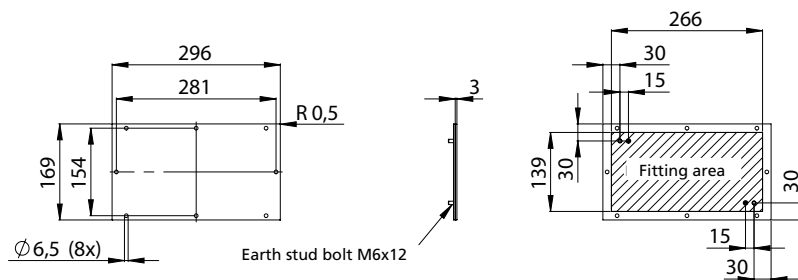


Dimensions

Type: 34./35./36.06 11 00



Flange dimensions

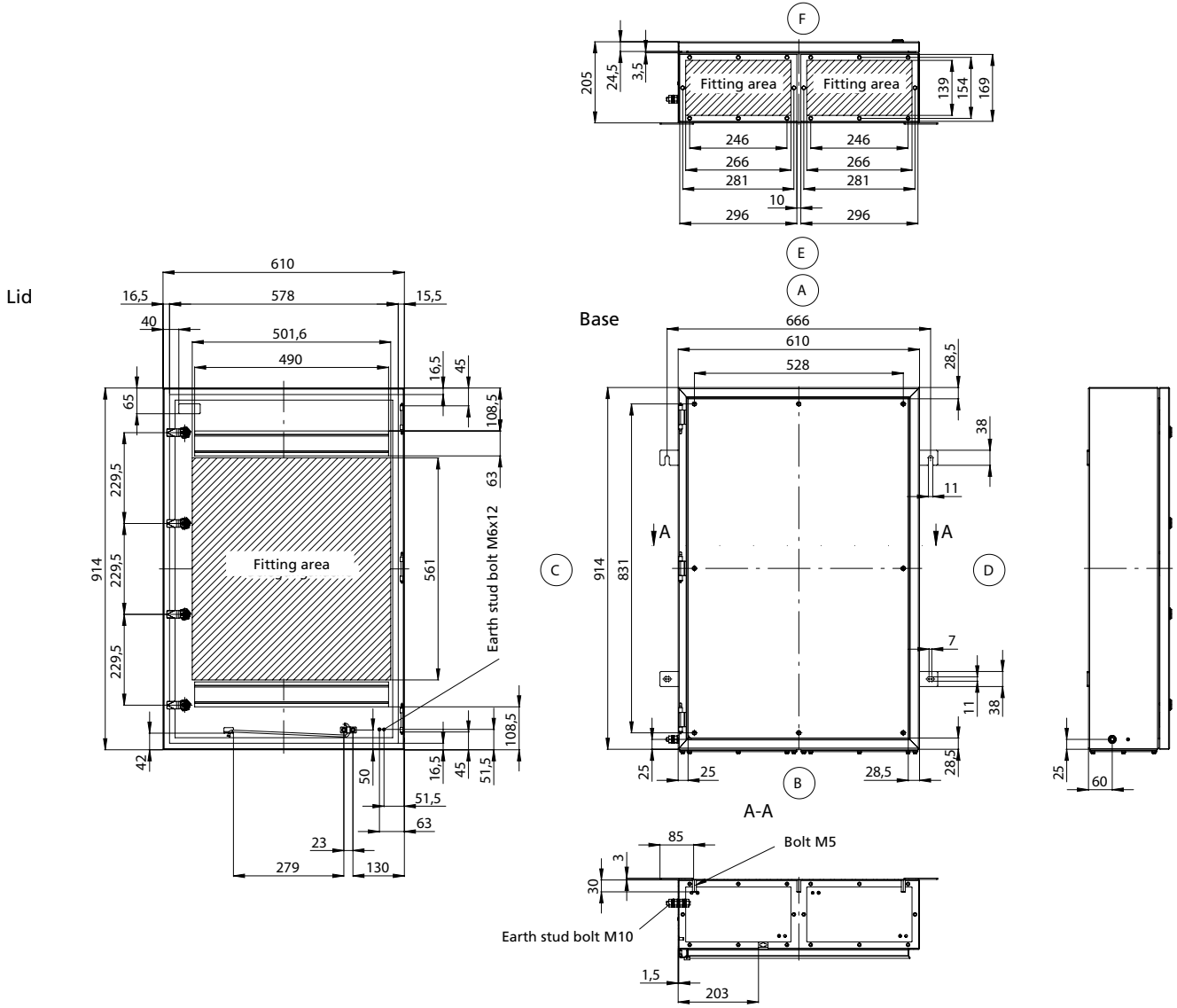


Ex Stainless steel flange enclosures ProtEx

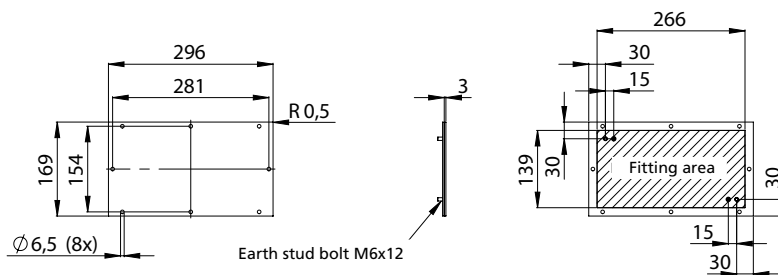


Dimensions

Type: 34./35./36.06 12 00



Flange dimensions

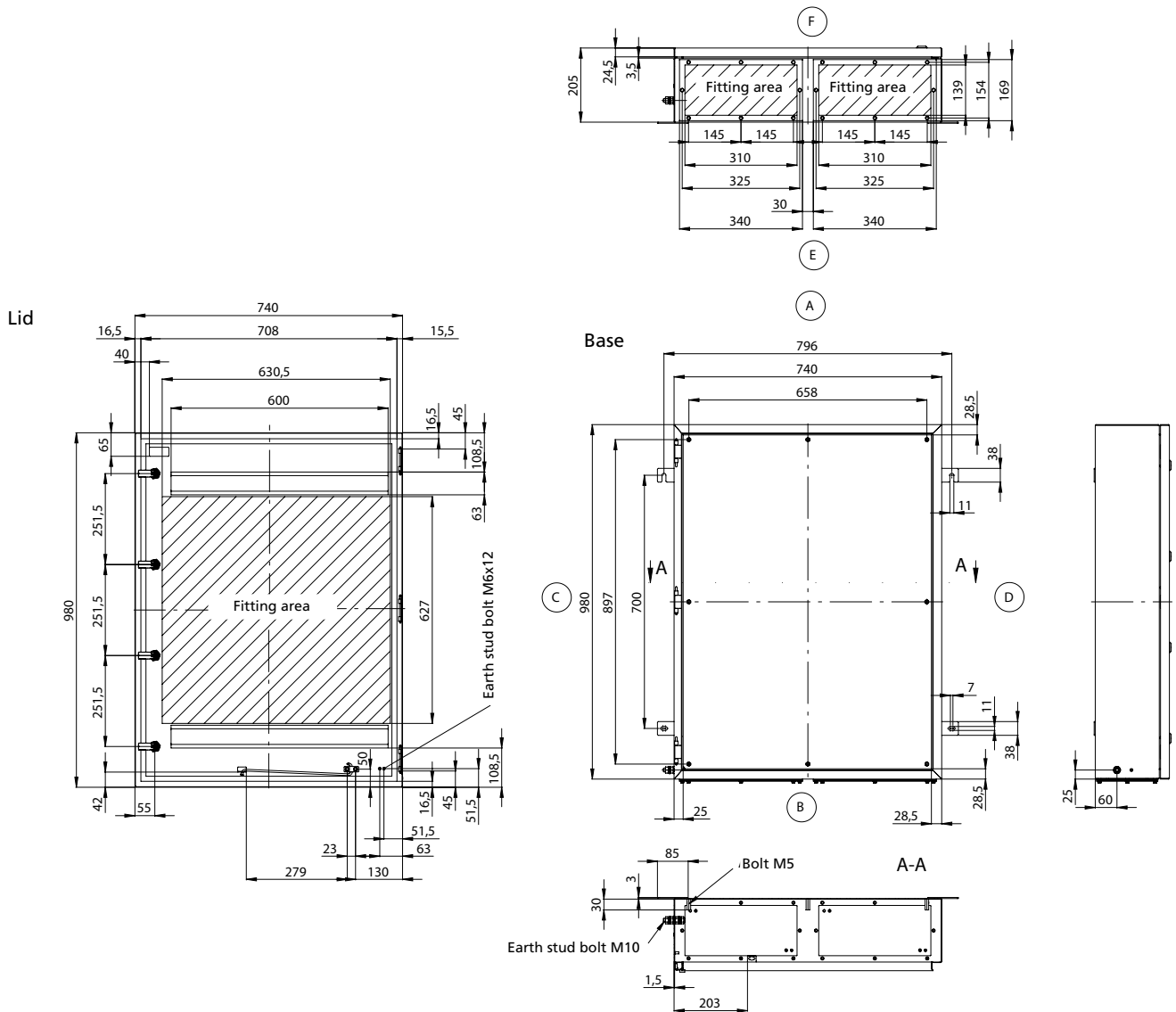


Ex Stainless steel flange enclosures ProtEx

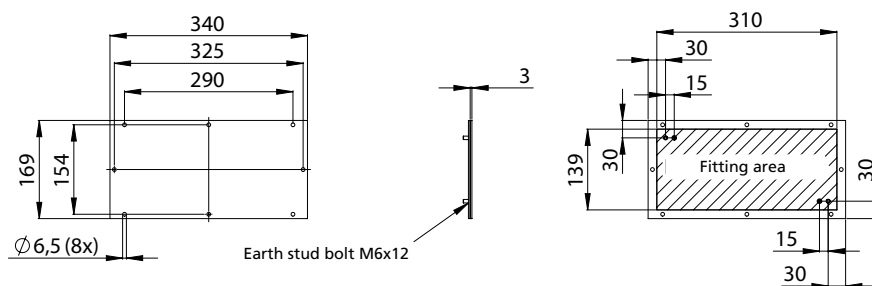


Dimensions

Type: 34./35./36.06 13 00



Flange dimensions





Ex Stainless steel cabinets IGS

Terminal mounting

Make	Phoenix																PE bar 1,5 to 6 mm ²	
DIN rail TS 15				X	X			X										
DIN rail TS 32																		
DIN rail TS 35	X	X	X			X	X		X	X	X	X	X	X				
Voltage (V)	352	550	690	275	420	690	690	275	690	690	690	690	880	1100	1100			
Current (A)	17	22	23	22,5	27	32,5	43,5	37	57	74	118,5	137	216	256	350			
Nominal cross section (mm ²)	1,5	2,5	2,5	2,5	4	4	6	6	10	16	35	50	95	150	240			
Terminal width (mm)	4,2	5,2	5,2	5,2	6,2	6,2	8,2	8,2	10,2	12,2	16	20	25	31	36			
Terminal Type																		
Enclosure Type	UK 1,5 N	UK 2,5 N	UK 3 N	MBK 3/E-Z	MXK 4	UK 5 N	UK 6 N	MBK 6/E	UK 10 N	UK 16 N	UK 35	UKH 50	UKH 95	UKH 150	UKH 240			
34./35./36.00 22 09	76	60	60	60	50	50	38	38	24	13	10						8	
34./35./36.00 22 15	76	60	60	60	50	50	38	38	24	13	10						8	
34./35./36.00 32 09	150	125	125	125	100	100	74	74	36	30	20						16	
34./35./36.00 33 16	126	102	102	102	87	87	63	63	51	40	16	12					13	
34./35./36.00 44 16	240	195	195	195	162	162	123	123	99	81	44	17	13				18	
34./35./36.00 44 21	240	195	195	195	162	162	123	123	99	81	44	17	13				18	
34./35./36.00 53 16	214	172	172	172	144	144	108	108	88	72	29	26	18				24	
34./35./36.00 63 16	260	210	210	210	176	176	134	134	106	90	36	27	22				29	
34./35./36.00 64 21	393	318	318	318	267	267	201	201	162	135	72	27	22				29	

PE terminal as required

Ex Stainless steel cabinets IGS



Type: **Ex e 35.00 22 09**

Ex ia 36.00 22 09



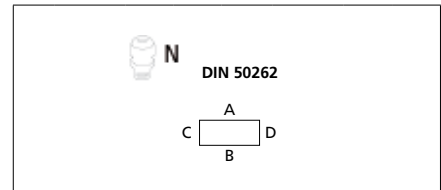
34.00 22 09

ATEX

h x w x d 250 x 200 x 97 mm

2350 g

l in mm	in mm	N	mm ²									
TS 35		8 x 6 mm ²										
190	152	1	16									



	1,5	2,5	4	6	10	16	25	35	50	70	95
	**	76	60	50	38	24	13	10	10		
	N	2	2	2	2	1	1	1			
	6										
	10	37	67								
	16	14	25	41							
	20	6	15	26	44						
	25		7	16	26						
	35			5	12	24					
	50					10	20	64			
	63					3	11	21			
	80						4	11	19		
	100							5	10		
	125								4		
	160										
	200										
	225										
	250										
	315										
400											
500											

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	38	36	7	17,25	38	36
16	25,30	20	17	9	21,85	24	20
20	27,60	12	8	11	25,30	20	17
25	37,95	5	6	13,5	27,60	12	8
32	48,30	3		16	31,05	10	7
40	60,95	3		21	37,95	5	6
50	69,00			29	48,30	3	
63	74,75			36	60,95	3	
				42	69,00		
				48	74,75		

** Base: Terminal block Phoenix Contact, further see page 114

Type: **Ex e 35.00 22 15**

Ex ia 36.00 22 15



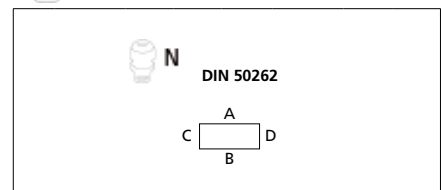
34.00 22 15

ATEX

h x w x d 250 x 200 x 157 mm

2880 g

l in mm	in mm	N	mm ²								
TS 35		8 x 6 mm ²									
190	152	1	16								



	1,5	2,5	4	6	10	16	25	35	50	70	95
	**	76	60	50	38	24	13	10	10		
	N	2	2	2	2	1	1	1			
	6										
	10	47	86								
	16	18	32	53							
	20	7	20	34	57						
	25		9	21	34						
	35			6	16	31					
	50				2	12	25	82			
	63					4	14	28			
	80						5	15	25		
	100							7	13		
	125								6		
	160										
	200										
	225										
	250										
	315										
400											
500											

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	76	75	7	17,25	76	75
16	25,30	35	36	9	21,85	40	38
20	27,60	30	30	11	25,30	35	36
25	37,95	12	15	13,5	27,60	30	30
32	48,30	8	8	16	31,05	20	22
40	60,95	6	5	21	37,95	12	15
50	69,00	3	3	29	48,30	8	8
63	74,75	3	3	36	60,95	6	5
				42	69,00	3	3
				48	74,75	3	3

** Base: Terminal block Phoenix Contact, further see page 114



Ex Stainless steel cabinets IGS

Type: **Ex e 35.00 32 09**

Ex ia 36.00 32 09



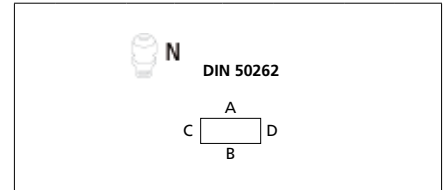
34.00 32 09

ATEX

h x w x d 250 x 350 x 97 mm

3490 g

l in mm	in mm	N	mm ²								
TS 35		16 x 6 mm ²									
340	302	1	16	•	•						



	1,5	2,5	4	6	10	16	25	35	50	70	95
	**	150	125	100	74	36	30	20	20		
	N	2	2	2	2	1	1	1	1		
	6										
	10	42	77								
	16	16	29	48							
	20	7	18	30	51						
	25		8	19	31						
	35			6	14	27					
	50				2	11	23	74			
	63					4	13	25			
	80						5	13	22		
	100							6	12		
	125								5		
	160										
	200										
	225										
	250										
	315										
	400										
500											

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	74	36	7	17,25	74	36
16	25,30	24	17	9	21,85	45	20
20	27,60	24	8	11	25,30	24	17
25	37,95	11	6	13,5	27,60	24	8
32	48,30	7		16	31,05	20	7
40	60,95	5		21	37,95	11	6
50	69,00			29	48,30	7	
63	74,75			36	60,95	5	
				42	69,00		
				48	74,75		

** Base: Terminal block Phoenix Contact, further see page 114

Type: **Ex e 35.00 33 16**

Ex ia 36.00 33 16



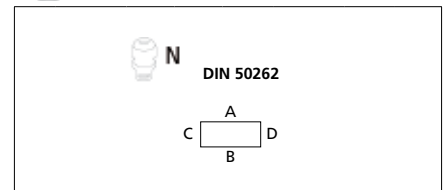
34.00 33 16

ATEX

h x w x d 300 x 300 x 167 mm

4360 g

l in mm	in mm	N	mm ²								
TS 35		13 x 6 mm ²									
290	252	1	25	•	•						



	1,5	2,5	4	6	10	16	25	35	50	70	95
	**	126	102	87	63	51	40	16	16	12	
	N	2	2	2	2	2	2	1	1	1	
	6										
	10	55	100								
	16	21	38	62							
	20	9	23	39	67						
	25		11	24	40						
	35			7	18	36					
	50				2	15	30	96			
	63					5	16	32			
	80						6	17	29		
	100							8	16	29	
	125								7	15	
	160									6	
	200										
	225										
	250										
	315										
	400										
500											

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	110	88	7	17,25	110	88
16	25,30	55	52	9	21,85	72	60
20	27,60	48	38	11	25,30	55	52
25	37,95	23	21	13,5	27,60	48	38
32	48,30	15	11	16	31,05	33	26
40	60,95	8	8	21	37,95	23	21
50	69,00	7	5	29	48,30	15	11
63	74,75	5	4	36	60,95	8	8
				42	69,00	7	5
				48	74,75	5	4

** Base: Terminal block Phoenix Contact, further see page 114

Ex Stainless steel cabinets IGS



Type: **Ex e 35.00 44 16**

Ex ia 36.00 44 16



34.00 44 16

ATEX

h x w x d 380 x 380 x 167 mm

6080 g

l in mm	in mm	N	mm ²								
TS 35		36 x 6 mm ²									
370	332	2	50	•			•				

	N	DIN 50262

		1,5	2,5	4	6	10	16	25	35	50	70	95
	**	240	195	162	123	99	81	44	44	17	13	13
	N	3	3	3	3	3	3	2	2	1	1	1
	6											
	10	62	113									
	16	24	43	71								
	20	10	26	45	75							
	25		13	28	45							
	35			8	21	41						
	50				3	16	34	109				
	63					6	19	36				
	80						7	19	33			
	100							9	18	33		
	125								8	17	32	
	160									7	15	26
	200										6	13
	225										2	8
	250											4
	315											
400												
500												

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	160	140	7	17,25	160	140
16	25,30	70	56	9	21,85	96	80
20	27,60	60	48	11	25,30	70	56
25	37,95	27	27	13,5	27,60	60	48
32	48,30	21	14	16	31,05	44	44
40	60,95	12	10	21	37,95	27	27
50	69,00	9	6	29	48,30	21	14
63	74,75	7	5	36	60,95	12	10
				42	69,00	9	6
				48	74,75	7	5

** Base: Terminal block Phoenix Contact, further see page 114

Type: **Ex e 35.00 44 21**

Ex ia 36.00 44 21



34.00 44 21

ATEX

h x w x d 380 x 380 x 217 mm

6820 g

l in mm	in mm	N	mm ²								
TS 35		36 x 6 mm ²									
370	332	2	50	•			•				

	N	DIN 50262

		1,5	2,5	4	6	10	16	25	35	50	70	95
	**	240	195	162	123	99	81	44	44	17	13	13
	N	3	3	3	3	3	3	2	2	1	1	1
	6											
	10	71	130									
	16	27	49	81								
	20	11	30	51	86							
	25		15	32	52							
	35			10	24	46						
	50				3	19	38	124				
	63					6	21	42				
	80						9	22	38			
	100							10	20	38		
	125								9	20	37	
	160									8	17	30
	200										7	14
	225										2	9
	250											5
	315											
400												
500												

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	220	200	7	17,25	220	200
16	25,30	98	84	9	21,85	144	128
20	27,60	84	72	11	25,30	98	84
25	37,95	45	36	13,5	27,60	84	72
32	48,30	28	21	16	31,05	66	55
40	60,95	18	14	21	37,95	45	36
50	69,00	12	9	29	48,30	28	21
63	74,75	9	8	36	60,95	18	14
				42	69,00	12	9
				48	74,75	9	8

** Base: Terminal block Phoenix Contact, further see page 114


Ex Stainless steel cabinets IGS










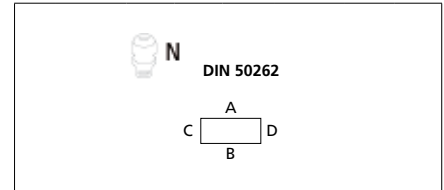
Type: **Ex e 35.00 53 16** **Ex ia 36.00 53 16**  **34.00 53 16**





ATEX



h x w x d 300 x 500 x 167 mm

 **6350 g**

											
l in mm	in mm	N	mm ²								
TS 35		24 x 6 mm ²									
490	452	1	50	•	•						



	1,5	2,5	4	6	10	16	25	35	50	70	95
 **	214	172	144	108	88	72	29	29	26	18	18
 N	2	2	2	2	2	2	1	1	1	1	1
 A	6										
	10	60	109								
	16	23	41	68							
	20	10	25	43	72						
	25		12	27	43						
	35			8	20	39					
	50				3	16	32	105			
	63					5	18	35			
	80						7	19	32		
	100							9	17	32	
	125								7	17	31
	160									6	14
	200										6
	225										2
	250										
	315										
	400										
500											


M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	216	88	7	17,25	216	88
16	25,30	92	52	9	21,85	147	60
20	27,60	85	38	11	25,30	92	52
25	37,95	36	21	13,5	27,60	85	38
32	48,30	26	11	16	31,05	60	26
40	60,95	14	8	21	37,95	36	21
50	69,00	12	5	29	48,30	26	11
63	74,75	9	4	36	60,95	14	8
				42	69,00	12	5
				48	74,75	9	4








** Base: Terminal block Phoenix Contact, further see page 114

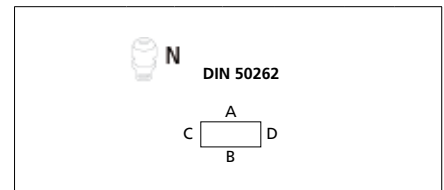
Type: **Ex e 35.00 63 16** **Ex ia 36.00 63 16**  **34.00 63 16**





ATEX



h x w x d 300 x 600 x 167 mm

 **8750 g**

											
l in mm	in mm	N	mm ²								
TS 35		29 x 6 mm ²									
590	551,5	1	50	•	•						



	1,5	2,5	4	6	10	16	25	35	50	70	95
 **	260	210	176	134	106	90	36	36	27	22	22
 N	2	2	2	2	2	2	1	1	1	1	1
 A	6										
	10	62	112								
	16	24	42	70							
	20	10	26	44	75						
	25		13	27	45						
	35			8	21	40					
	50				3	16	33	108			
	63					6	18	36			
	80						7	19	33		
	100							9	18	33	
	125								8	17	32
	160									7	15
	200										6
	225										2
	250										
	315										
	400										
500											

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	231	88	7	17,25	231	88
16	25,30	115	52	9	21,85	156	60
20	27,60	100	38	11	25,30	115	52
25	37,95	45	21	13,5	27,60	100	38
32	48,30	33	11	16	31,05	72	26
40	60,95	17	8	21	37,95	45	21
50	69,00	16	5	29	48,30	33	11
63	74,75	11	4	36	60,95	17	8
				42	69,00	16	5
				48	74,75	11	4

** Base: Terminal block Phoenix Contact, further see page 114

Ex Stainless steel cabinets IGS



Type: **Ex e 35.00 64 21**

Ex ia 36.00 64 21



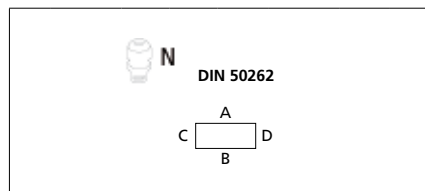
34.00 64 21

ATEX

h x w x d 380 x 600 x 217 mm

11420 g

l in mm	in mm	N	mm ²									
TS 35		58 x 6 mm ²										
590	551,5	2	50									



	1,5	2,5	4	6	10	16	25	35	50	70	95
	393	318	267	201	162	135	72	72	27	22	22
NI N	3	3	3	3	3	3	2	2	1	1	1
6											
10	78	142									
16	30	53	88								
20	12	33	56	94							
25		16	35	56							
35			11	26	51						
50				4	21	42	136				
63					7	23	46				
80						9	24	42			
100							11	22	41		
125								10	22	40	
160									8	19	33
200										7	16
225										3	10
250											5
315											
400											
500											

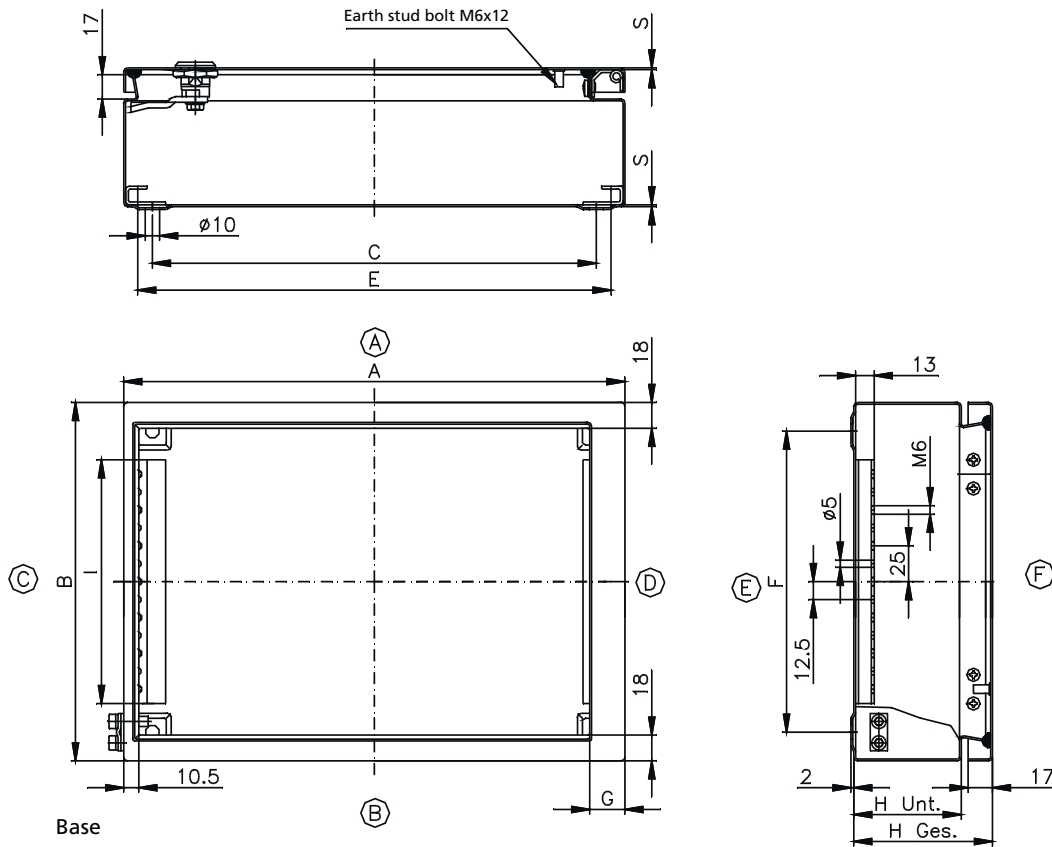
M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	330	200	7	17,25	330	200
16	25,30	176	84	9	21,85	208	128
20	27,60	140	72	11	25,30	176	84
25	37,95	75	36	13,5	27,60	140	72
32	48,30	44	21	16	31,05	108	55
40	60,95	27	14	21	37,95	75	36
50	69,00	20	9	29	48,30	44	21
63	74,75	15	8	36	60,95	27	14
				42	69,00	20	9
				48	74,75	15	8

** Base: Terminal block Phoenix Contact, further see page 114



Ex Stainless steel cabinets IGS

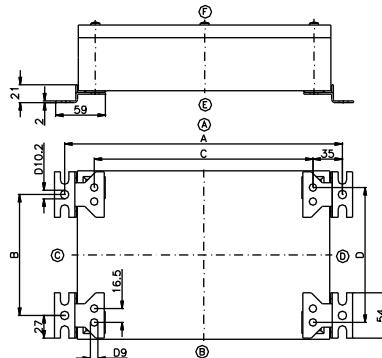
Type	Dimensions (mm)											
	Ex e	Ex ia	Empty enclosure	Width A	Height B	C	E	F	I	G	S	H _U
35.00 22 09	36.00 22 09	34.00 22 09	200	250	160	181	210	170	25	1,25	75	97
35.00 22 15	36.00 22 15	34.00 22 15	200	250	160	181	210	170	25	1,25	75	157
35.00 32 09	36.00 32 09	34.00 32 09	350	250	310	331	210	170	25	1,25	75	97
35.00 33 16	36.00 33 16	34.00 33 16	300	300	260	281	260	220	25	1,25	145	167
35.00 44 16	36.00 44 16	34.00 44 16	380	380	340	361	340	300	25	1,25	145	167
35.00 44 21	36.00 44 21	34.00 44 21	380	380	340	361	340	300	25	1,25	195	217
35.00 53 16	36.00 53 16	34.00 53 16	500	300	460	481	260	220	25	1,25	145	167
35.00 63 16	36.00 63 16	34.00 63 16	600	300	560	580	260	220	25	1,5	145	167
35.00 64 21	36.00 64 21	34.00 64 21	600	380	560	580	340	300	25	1,5	195	217



External mounting brackets

Order No. **37.10 50 00**

for enclosure type	A	B	C	D
xx.00 22 09	230	194	160	210
xx.00 32 09	380	194	310	210
xx.00 22 15	230	194	160	210
xx.00 33 16	330	244	260	260
xx.00 44 16	410	324	340	340
xx.00 53 16	530	244	460	260
xx.00 63 16	630	244	560	260
xx.00 44 21	410	324	340	340
xx.00 64 21	630	324	560	340



Download detail drawings: www.rose-ex-enclosures.com

Ex Polyester CombiBox



Terminal mounting

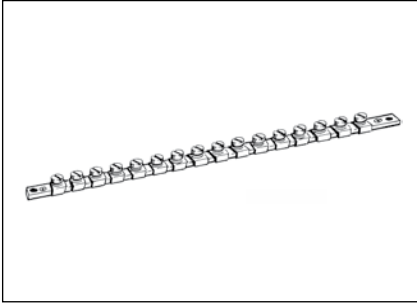
Make	Phoenix															
DIN rail TS 15				X	X			X								
DIN rail TS 32																
DIN rail TS 35	X	X	X			X	X		X	X	X	X	X	X	X	
Voltage (V)	352	550	690	275	420	690	690	275	690	690	690	690	725	1100	1100	
Current (A)	17	22	23	21	27	30	43	39	57	74	112	137	210	265	350	
Nominal cross section (mm ²)	1,5	2,5	2,5	2,5	4	4	6	6	10	16	35	50	95	150	240	
Terminal width (mm)	4,2	5,2	5,2	5,2	6,2	6,2	8,2	8,2	10,2	12,2	16	20	25	31	36	
Terminal Type																
Enclosure Type	UK 1,5 N	UK 2,5 N	UK 3 N	MBK 3/E-Z	MXK 4	UK 5 N	UK 6 N	MBK 6/E	UK 10 N	UK 16 N	UK 35	UKH 50	UKH 95	UKH 150	UKH 240	
06/16./26.01 22 15	23	18	18	18	15	15	11	11	9	7	6					
06/16./26.01 24 15	66	53	53	53	45	45	34	34	27	22	18					
06/16./26.01 44 15	264	212	212	212	135	135	102	102	81	44	36	28	11	11		

PE terminal as required

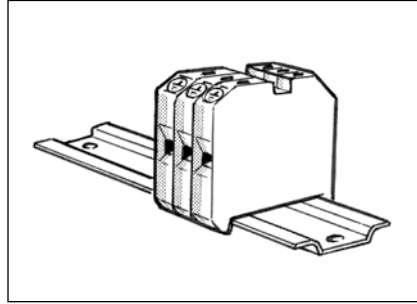
Ex Polyester CombiBox



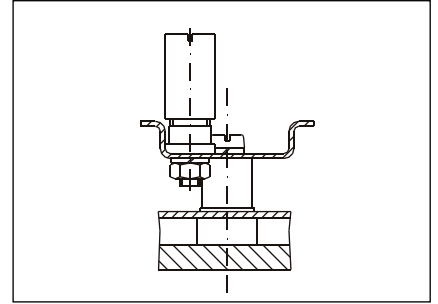
Accessories / Execution



PE bar

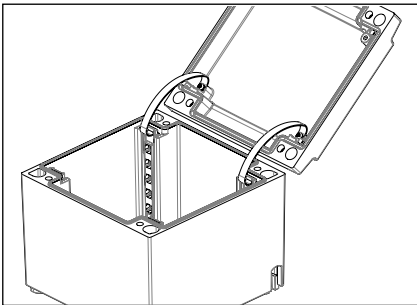


PE terminal blocks

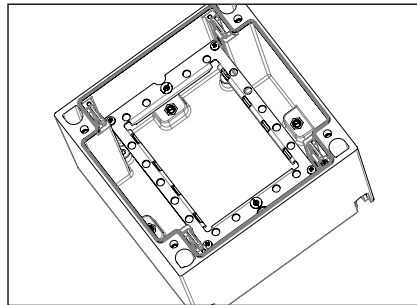


PE connection on DIN rail

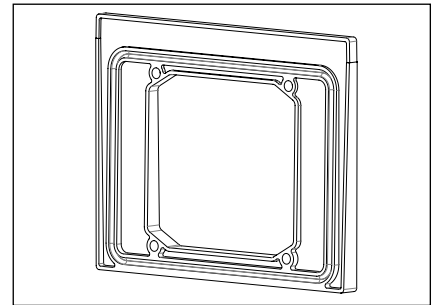
Accessories



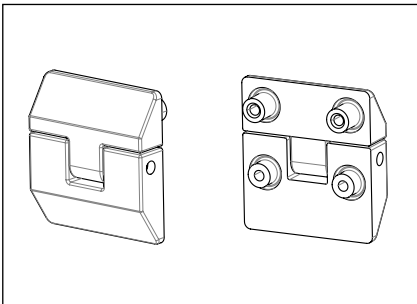
Lid safety strip



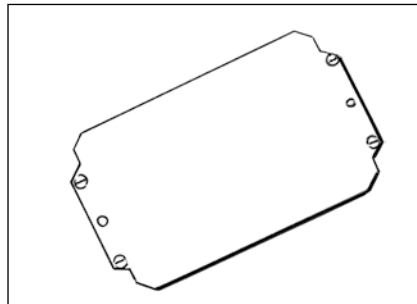
Mounting frame, fixed or hinged



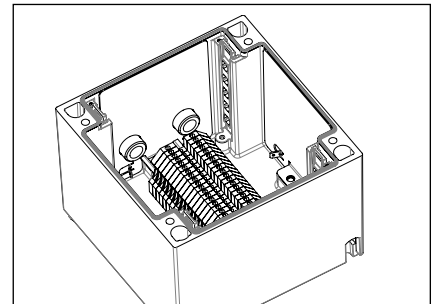
Flange



External hinge (pair) of Alu-diecast for side A or B; swivel range 150°
Please specify mounting side!



Mounting plate, sheet steel, galvanized



Continuity plate/angle, sheet steel galvanized with through hole, optional brass nickel plated with thread

Ex Polyester CombiBox



Type: **Ex e 06.01 22 15**

Ex ia 16.01 22 15



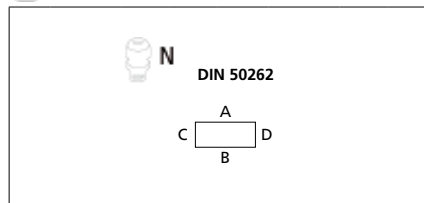
26.01 22 15

ATEX

h x w x d 177 x 177 x 145 mm

1710 g

l in mm	in mm	N	mm ²								
TS 35		6 x 6 mm ²									
152	115	1									•



		1,5	2,5	4	6	10	16	25	35	50	70	95
	**	23	18	15	11	9	7	6	6			
	N	1	1	1	1	1	1	1	1			
	6											
	10	68										
	16	23	45	175								
	20	9	26	51								
	25		12	29	55							
	35			8	21	54						
	50				3	17	44					
	63					6	20	73				
	80						8	23	82			
	100							10	21			
	125								8			
	160											
	200											
	225											
	250											
	315											
400												
500												

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	36	36	7	17,25	36	36
16	25,30	16	16	9	21,85	20	20
20	27,60	12	12	11	25,30	16	16
25	37,95	6	6	13,5	27,60	12	12
32	48,30	4	4	16	31,05	10	10
40	60,95	2	2	21	37,95	6	6
50	69,00	1	1	29	48,30	4	4
63	74,75	1	1	36	60,95	2	2
				42	69,00	1	1
				48	74,75	1	1

** Base: Terminal block Phoenix Contact, further see page 121

Type: **Ex e 06.01 24 15**

Ex ia 16.01 24 15



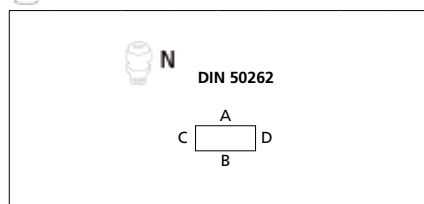
26.01 24 15

ATEX

h x w x d 360 x 177 x 145 mm

2730 g

l in mm	in mm	N	mm ²								
TS 35		16 x 6 mm ²									
333	285	1									•



		1,5	2,5	4	6	10	16	25	35	50	70	95
	**	66	53	45	34	27	22	18	18			
	N	1	1	1	1	1	1	1	1			
	6											
	10	72										
	16	25	48	187								
	20	10	28	54								
	25		13	30	59							
	35			9	23	57						
	50				3	18	47					
	63					6	22	78				
	80						8	24	88			
	100							10	23			
	125								9			
	160											
	200											
	225											
	250											
	315											
400												
500												

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	109	36	7	17,25	109	36
16	25,30	50	16	9	21,85	65	20
20	27,60	40	12	11	25,30	48	16
25	37,95	21	6	13,5	27,60	40	12
32	48,30	12	4	16	31,05	32	10
40	60,95	9	2	21	37,95	21	6
50	69,00	5	1	29	48,30	12	4
63	74,75	4	1	36	60,95	7	2
				42	69,00	5	1
				48	74,75	4	1

** Base: Terminal block Phoenix Contact, further see page 121

Ex Polyester CombiBox



Type: **Ex e 06.01 44 15**

Ex ia 16.01 44 15



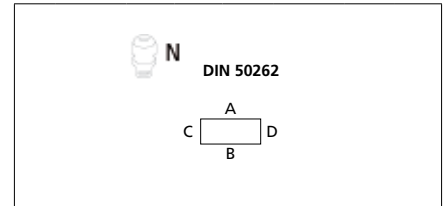
26.01 44 15

ATEX

h x w x d 360 x 360 x 145 mm

4050 g

l in mm	in mm	N	mm ²									
TS 35		16 x 6 mm ²										
333	285	1										



		1,5	2,5	4	6	10	16	25	35	50	70	95
	**	264	212	135	102	81	44	36	36	28	11	11
	N	4	4	3	3	3	2	2	2	1	1	1
	6											
	10	94										
	16	32	62	243								
	20	13	36	70								
	25		17	40	77							
	35			11	30	74						
	50				4	24	62					
	63					8	28	102				
	80						11	32	114			
	100							13	30			
	125								12	30		
	160									10	27	
	200										9	23
	225										3	13
	250											7
	315											
400												
500												

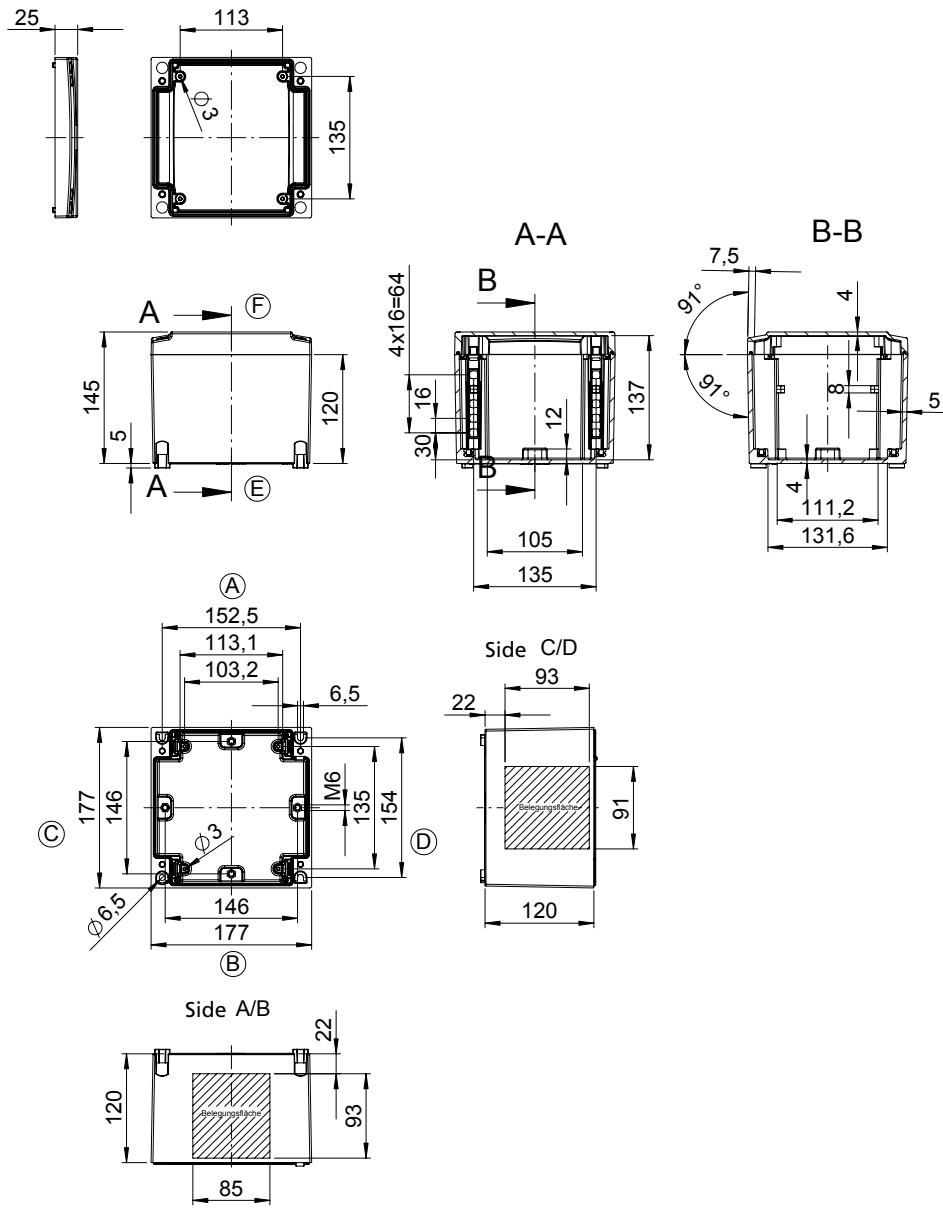
M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	109	109	7	17,25	109	109
16	25,30	50	50	9	21,85	65	65
20	27,60	40	40	11	25,30	48	48
25	37,95	21	21	13,5	27,60	40	40
32	48,30	12	12	16	31,05	32	32
40	60,95	9	9	21	37,95	21	21
50	69,00	5	5	29	48,30	12	12
63	74,75	4	4	36	60,95	7	7
				42	69,00	5	5
				48	74,75	4	4

** Base: Terminal block Phoenix Contact, further see page 121

Ex Polyester CombiBox



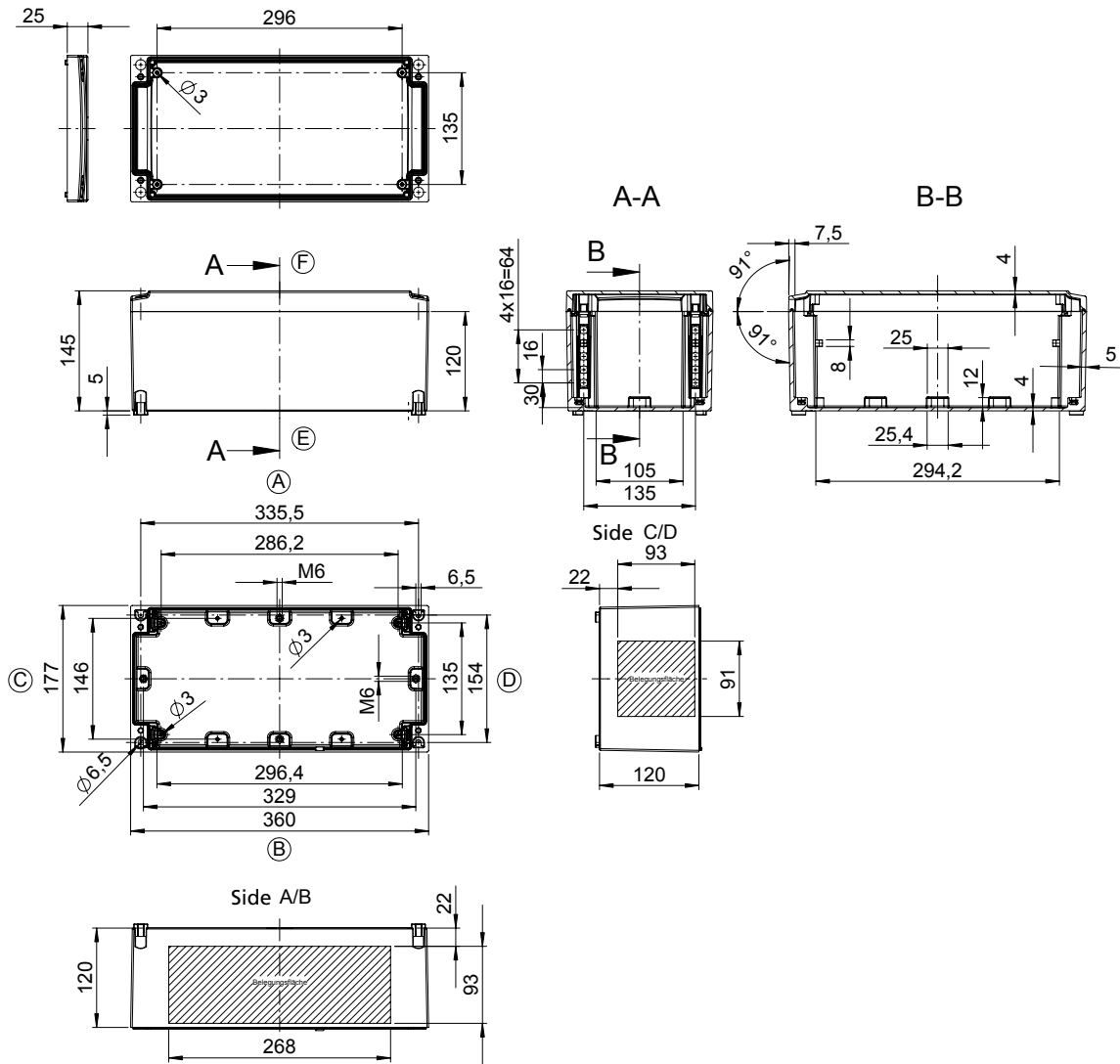
Type: 06/16/26.01 22 15



Ex Polyester CombiBox



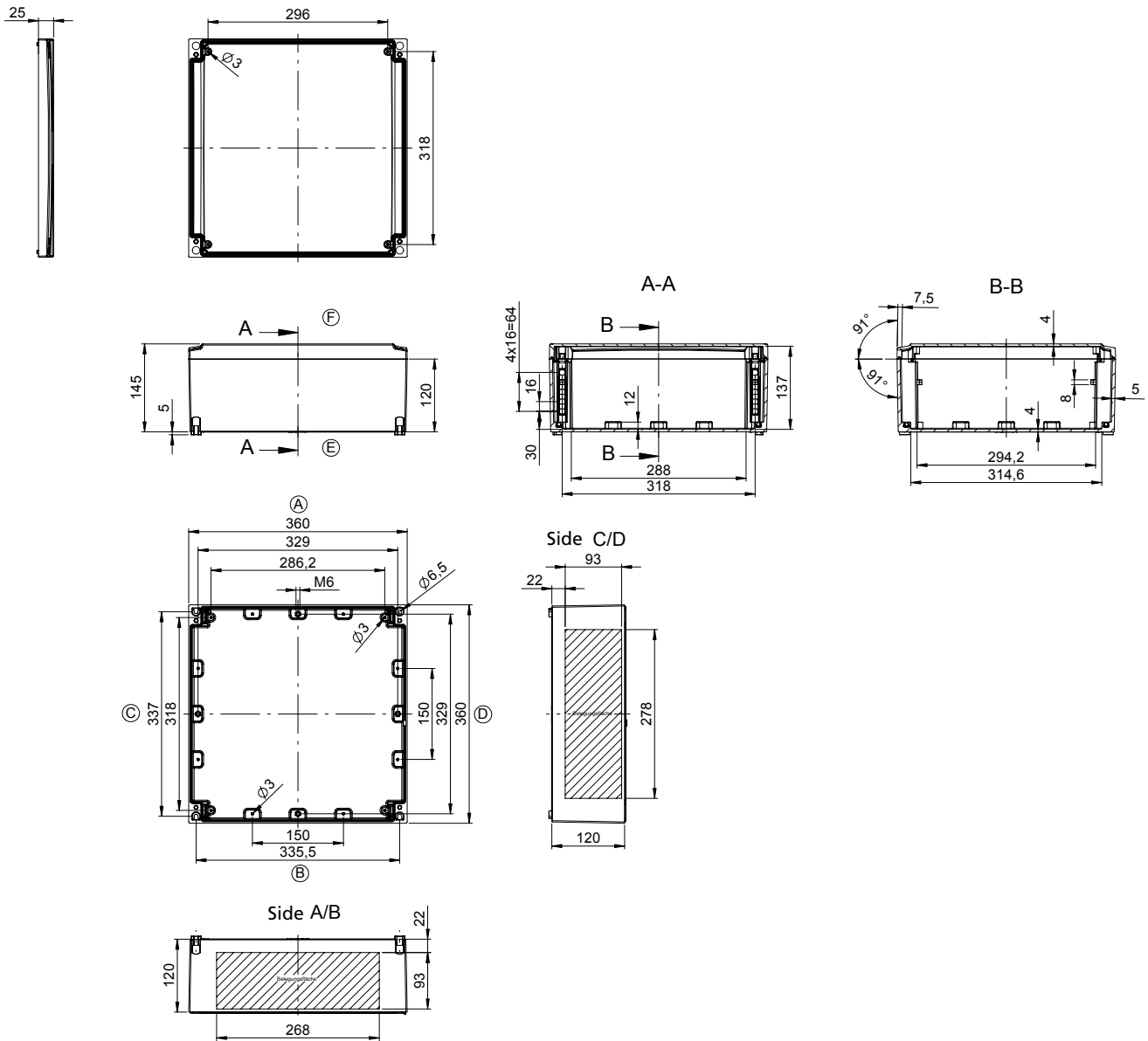
Type: 06/16/26.01 24 15



Ex Polyester CombiBox



Type: 06/16/26.01 44 15



Ex Polyester enclosures



Terminal mounting

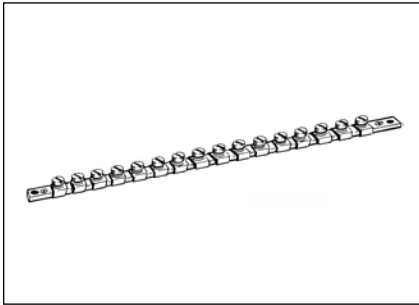
Make	Phoenix															Bartec				
					X	X			X											
DIN rail TS 15					X	X			X											
DIN rail TS 32																				
DIN rail TS 35	X	X	X				X	X		X	X	X	X	X	X	X				
Voltage (V)	352	550	690	275	420	690	690	275	690	690	690	690	880	1100	1100	380	380			
Current (A)	17	22	23	22,5	27	32,5	43,5	37	57	74	118,5	137	216	256	350					
Nominal cross section (mm ²)	1,5	2,5	2,5	2,5	4	4	6	6	10	16	35	50	95	150	240	2,5	2,5			
Terminal width (mm)	4,2	5,2	5,2	5,2	6,2	6,2	8,2	8,2	10,2	12,2	16	20	25	31	36	30	30			
Terminal Type																				
Enclosure Type	UK 1,5 N	UK 2,5 N	UK 3 N	MBK 3/E-Z	MXK 4	UK 5 N	UK 6 N	MBK 6/E	UK 10 N	UK 16 N	UK 35	UKH 50	UKH 95	UKH 150	UKH 240	Ex Mini terminals	Ex Mini terminals blue	Sheath clamp (2 x 4 mm ² , 3 x 2,5 mm ² each clamp)	Sheath clamp (2 x 6 mm ² , 3 x 4 mm ² , 4 x 2,5 mm ² each clamp)	PE bar 1,5 to 6 mm ²
06/16./26.08 08 06				7												3	3	2		
06/16./26.08 08 08				8	7													2		
06/16./26.08 11 06				13														4		
06/16./26.08 11 08				14	11													4		
06/16./26.08 16 06				23														4		
06/16./26.08 16 08				23	20													4		
06/16./26.08 19 06				28														4		
06/16./26.08 19 08				29	24													4		
06/16./26.08 23 06				36														4		
06/16./26.08 23 08				37	31													4		
06/16./26.12 12 09	19	15	15	15	13	13	10	10	8	6									2	
06/16./26.12 22 09	42	34	34	34	29	29	21	21	17	14									4	
06/16./26.16 16 09	28	23	23	23	19	19	14	14	11	9	7									10
06/16./26.16 26 09	52	42	42	42	35	35	26	26	21	18	14									22
06/16./26.16 36 09	76	61	61	61	51	51	39	39	31	26	21									32
06/16./26.16 56 09	123	100	100	100	83	83	63	63	50	42	34									52
06/16./26.25 26 12	102	82	82	82	68	68	52	52	21	17	14	10								22
06/16./26.25 26 16	102	82	82	82	68	68	52	52	21	17	14	10								22
06/16./26.25 40 12	170	138	138	138	116	116	86	86	35	29	23	18								38
06/16./26.25 40 16	170	138	138	138	116	116	86	86	35	29	23	18								38
06/16./26.25 60 12	266	214	214	214	180	180	136	136	54	45	36	28								58
06/16./26.36 36 09	228	183	183	183	153	153	78	78	62	52	42									32
06/16./26.41 40 12	255	207	207	207	174	174	129	129	70	58	23	18								38
06/16./26.41 40 20	255	207	207	207	174	174	129	129	70	58	23	18	14	11						38

PE terminal as required

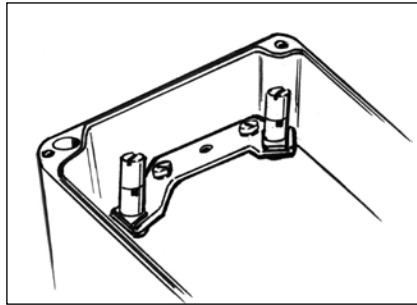
Ex Polyester enclosures



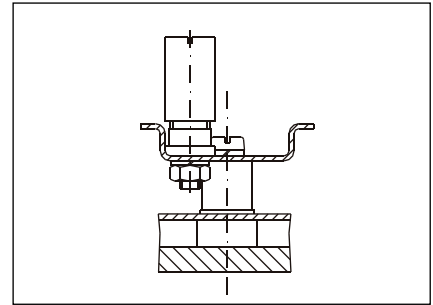
Accessories / Execution



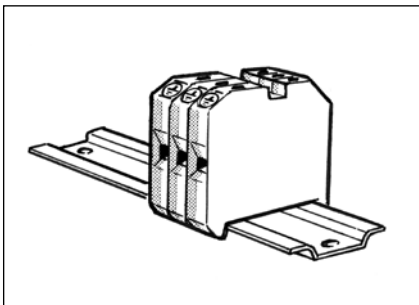
PE bar



PE bus bar

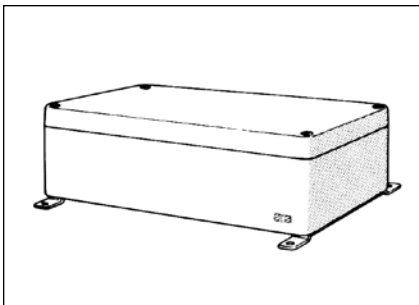


PE connection on DIN rail

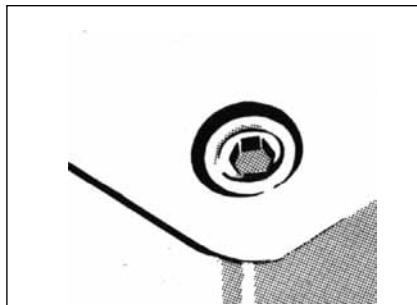


PE terminal block

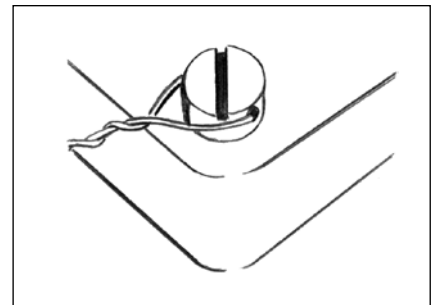
Accessories



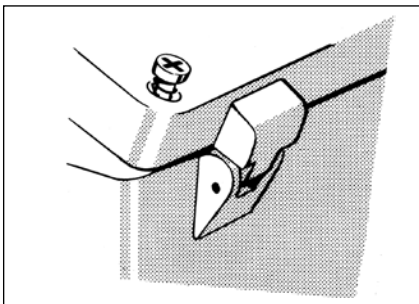
External mounting bracket (4 pieces) of stainless steel



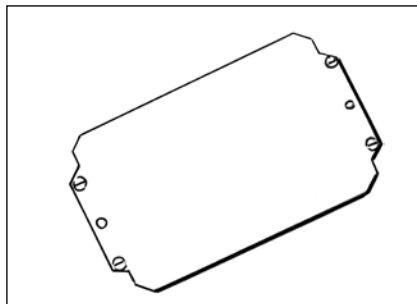
Allen lid screw, stainless steel



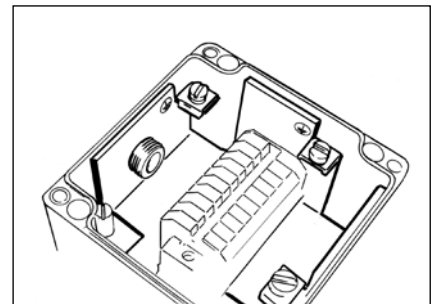
Sealable lid screw, corrosion-resistant



External hinge (pair), Alu diecast, swivel range 150°
Please specify mounting side!



Mounting plate, sheet steel, galvanized



Continuity plate / angle, sheet steel, galvanized with throughhole, optional brass nickel plated with thread

Ex Polyester enclosures



Type: **Ex e 06.08 08 06**

Ex ia 16.08 08 06



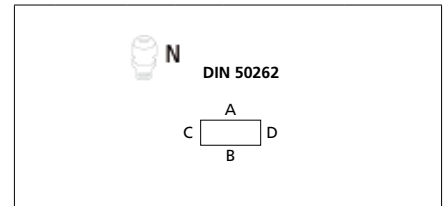
26.08 08 06

ATEX

h x w x d 75 x 80 x 56 mm

286 g

l in mm	in mm	N	N						
TS 15									
63	38,5		•	•	•	•		•	•



	1,5	2,5	4	6	10	16	25	35	50	70	95
	**	7	7								
	N	1	1								
	6										
	10	27									
	16	9	18								
	20	3	10								
	25		5								
	35										
	50										
	63										
	80										
	100										
	125										
	160										
	200										
	225										
	250										
	315										
400											
500											

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	6	3	7	17,25	6	3
16	25,30	2	1	9	21,85	4	1
20	27,60	2	1	11	25,30	2	1
25	37,95	1		13,5	27,60	2	1
32	48,30			16	31,05	2	1
40	60,95			21	37,95	1	
50	69,00			29	48,30		
63	74,75			36	60,95		
				42	69,00		
				48	74,75		

** Base: Terminal block Phoenix Contact, further see page 128

Type: **Ex e 06.08 08 08**

Ex ia 16.08 08 08



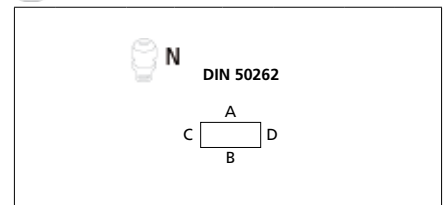
26.08 08 08

ATEX

h x w x d 75 x 80 x 75 mm

336 g

l in mm	in mm	N	N						
TS 15									
63	38,5		•	•	•	•		•	•



	1,5	2,5	4	6	10	16	25	35	50	70	95
	**	8	8	7							
	N	1	1	1							
	6										
	10	32									
	16	11	21	84							
	20	4	12	24							
	25		6	13							
	35			4							
	50										
	63										
	80										
	100										
	125										
	160										
	200										
	225										
	250										
	315										
400											
500											

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	9	5	7	17,25	9	5
16	25,30	5	2	9	21,85	6	3
20	27,60	4	2	11	25,30	4	2
25	37,95	1	1	13,5	27,60	4	2
32	48,30	1	1	16	31,05	3	1
40	60,95			21	37,95	1	1
50	69,00			29	48,30	1	
63	74,75			36	60,95		
				42	69,00		
				48	74,75		

** Base: Terminal block Phoenix Contact, further see page 128

Ex Polyester enclosures



Type: **Ex e 06.08 11 06**

Ex ia 16.08 11 06



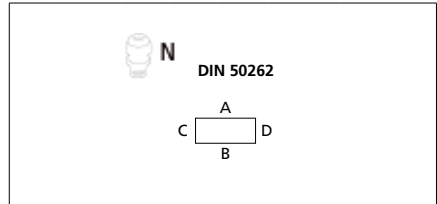
26.08 11 06

ATEX

h x w x d 75 x 110 x 56 mm

351 g

l in mm	in mm	N	N							
TS 15										
98	68,5		•	•	•	•		•	•	



		1,5	2,5	4	6	10	16	25	35	50	70	95
	**	13	13									
	N	1	1									
	6											
	10	28										
	16	9	18									
	20	4	11									
	25		5									
	35											
	50											
	63											
	80											
	100											
	125											
	160											
	200											
	225											
	250											
	315											
	400											
500												

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	6	3	7	17,25	6	3
16	25,30	3	1	9	21,85	4	1
20	27,60	2	1	11	25,30	2	1
25	37,95	1		13,5	27,60	2	1
32	48,30			16	31,05	2	1
40	60,95			21	37,95	1	
50	69,00			29	48,30		
63	74,75			36	60,95		
				42	69,00		
				48	74,75		

** Base: Terminal block Phoenix Contact, further see page 128

Type: **Ex e 06.08 11 08**

Ex ia 16.08 11 08



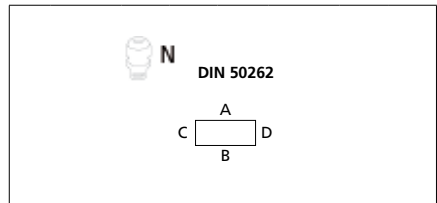
26.08 11 08

ATEX

h x w x d 75 x 110 x 75 mm

403 g

l in mm	in mm	N	N							
TS 15										
98	68,5		•	•	•	•		•	•	



		1,5	2,5	4	6	10	16	25	35	50	70	95
	**	14	14	11								
	N	1	1	1								
	6											
	10	33										
	16	11	22	86								
	20	4	13	25								
	25		6	14								
	35			4								
	50											
	63											
	80											
	100											
	125											
	160											
	200											
	225											
	250											
	315											
	400											
500												

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	15	5	7	17,25	15	5
16	25,30	6	2	9	21,85	9	3
20	27,60	6	1	11	25,30	6	2
25	37,95	2	1	13,5	27,60	6	1
32	48,30	2	1	16	31,05	5	1
40	60,95			21	37,95	2	1
50	69,00			29	48,30	2	
63	74,75			36	60,95		
				42	69,00		
				48	74,75		

** Base: Terminal block Phoenix Contact, further see page 128

Ex Polyester enclosures



Type: **Ex e 06.08 16 06**

Ex ia 16.08 16 06



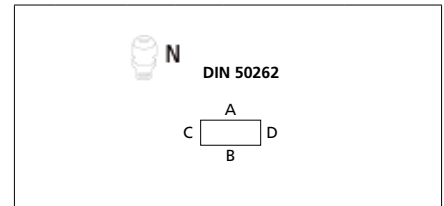
26.08 16 06

ATEX

h x w x d 75 x 160 x 56 mm

461 g

l in mm	in mm	N	N						
TS 15									
148	118,5		•	•	•	•		•	•



	1,5	2,5	4	6	10	16	25	35	50	70	95
<td>1</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	1	1									
	6										
	10	28									
	16	9	19								
	20	4	11								
	25		5								
	35										
	50										
	63										
	80										
	100										
	125										
	160										
	200										
	225										
	250										
	315										
400											
500											

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	12	3	7	17,25	12	2
16	25,30	5	1	9	21,85	8	1
20	27,60	4	1	11	25,30	5	1
25	37,95	3		13,5	27,60	4	1
32	48,30			16	31,05	3	1
40	60,95			21	37,95	3	
50	69,00			29	48,30		
63	74,75			36	60,95		
				42	69,00		
				48	74,75		

** Base: Terminal block Phoenix Contact, further see page 128

Type: **Ex e 06.08 16 08**

Ex ia 16.08 16 08



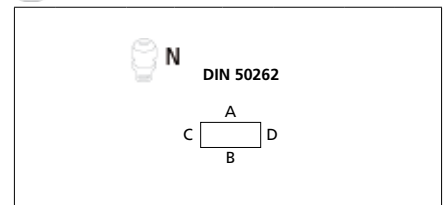
26.08 16 08

ATEX

h x w x d 75 x 160 x 75 mm

542 g

l in mm	in mm	N	N						
TS 15									
148	118,5		•	•	•	•		•	•




	1,5	2,5	4	6	10	16	25	35	50	70	95
	23	23	20								
	1	1	1								
	6										
	10	34									
	16	11	22	87							
	20	4	13	25							
	25		6	14							
	35			4							
	50										
	63										
	80										
	100										
	125										
	160										
	200										
	225										
	250										
	315										
400											
500											

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	18	5	7	17,25	18	5
16	25,30	8	2	9	21,85	11	3
20	27,60	8	2	11	25,30	8	2
25	37,95	3	1	13,5	27,60	8	2
32	48,30	2	1	16	31,05	5	1
40	60,95			21	37,95	3	1
50	69,00			29	48,30	2	
63	74,75			36	60,95		
				42	69,00		
				48	74,75		

** Base: Terminal block Phoenix Contact, further see page 128


Ex Polyester enclosures













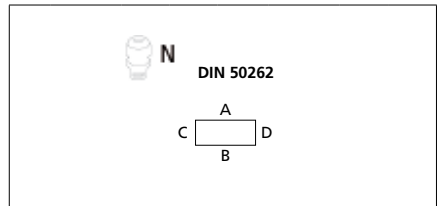
Type: **Ex e 06.08 19 06** **Ex ia 16.08 19 06**  **26.08 19 06**





ATEX



h x w x d 75 x 190 x 56 mm

 **518 g**


									
l in mm	in mm	N	N						
TS 15									
174	148,5		•	•	•	•	•	•	•



	1,5	2,5	4	6	10	16	25	35	50	70	95
	**	28	28								
 N	1	1									
 A	6										
	10	28									
	16	9	19								
	20	4	11								
	25		5								
	35										
	50										
	63										
	80										
	100										
	125										
	160										
	200										
	225										
	250										
	315										
400											
500											

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	16	4	7	17,25	16	4
16	25,30	7	1	9	21,85	12	2
20	27,60	5	1	11	25,30	7	1
25	37,95	4	1	13,5	27,60	5	1
32	48,30			16	31,05	4	1
40	60,95			21	37,95	4	1
50	69,00			29	48,30		
63	74,75			36	60,95		
				42	69,00		
				48	74,75		











** Base: Terminal block Phoenix Contact, further see page 128

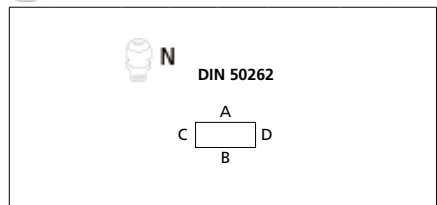
Type: **Ex e 06.08 19 08** **Ex ia 16.08 19 08**  **26.08 19 08**





ATEX



h x w x d 75 x 190 x 75 mm

 **605 g**

									
l in mm	in mm	N	N						
TS 15		36 x 6 mm ²							
174	148,5	2	•	•	•	•	•	•	•



	1,5	2,5	4	6	10	16	25	35	50	70	95
	**	29	29	24							
 N	1	1	1								
 A	6										
	10	33									
	16	11	22	87							
	20	4	13	25							
	25		6	14							
	35			4							
	50										
	63										
	80										
	100										
	125										
	160										
	200										
	225										
	250										
	315										
400											
500											

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	28	6	7	17,25	27	5
16	25,30	12	2	9	21,85	18	3
20	27,60	12	2	11	25,30	12	2
25	37,95	5	1	13,5	27,60	12	2
32	48,30	3	1	16	31,05	10	1
40	60,95			21	37,95	5	1
50	69,00			29	48,30	3	
63	74,75			36	60,95		
				42	69,00		
				48	74,75		

** Base: Terminal block Phoenix Contact, further see page 128

Ex Polyester enclosures



Type: **Ex e 06.08 23 06**

Ex ia 16.08 23 06



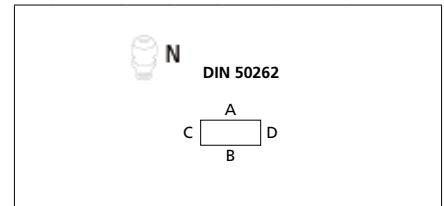
26.08 23 06

ATEX

h x w x d 75 x 230 x 56 mm

613 g

l in mm	in mm	N	N						
TS 15									
218	188,5		•	•	•	•		•	



	1,5	2,5	4	6	10	16	25	35	50	70	95
	**	36	36								
	N	1	1								
	6										
	10	28									
	16	9	19								
	20	4	11								
	25		5								
	35										
	50										
	63										
	80										
	100										
	125										
	160										
	200										
	225										
	250										
	315										
400											
500											

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	22	3	7	17,25	20	3
16	25,30	10	1	9	21,85	14	1
20	27,60	8	1	11	25,30	8	1
25	37,95	4	1	13,5	27,60	8	1
32	48,30			16	31,05	6	1
40	60,95			21	37,95	4	1
50	69,00			29	48,30		
63	74,75			36	60,95		
				42	69,00		
				48	74,75		

** Base: Terminal block Phoenix Contact, further see page 128

Type: **Ex e 06.08 23 08**

Ex ia 16.08 23 08



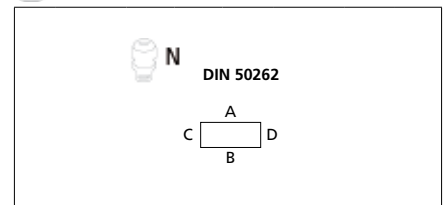
26.08 23 08

ATEX

h x w x d 75 x 230 x 75 mm

726 g

l in mm	in mm	N	N						
TS 15									
218	188,5		•	•	•	•		•	



	1,5	2,5	4	6	10	16	25	35	50	70	95
	**	37	37	31							
	N	1	1	1							
	6										
	10	33									
	16	11	22	86							
	20	4	13	25							
	25		6	14							
	35			4							
	50										
	63										
	80										
	100										
	125										
	160										
	200										
	225										
	250										
	315										
400											
500											

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	30	6	7	17,25	30	6
16	25,30	16	2	9	21,85	18	3
20	27,60	12	2	11	25,30	16	2
25	37,95	6	1	13,5	27,60	12	2
32	48,30	4	1	16	31,05	10	1
40	60,95			21	37,95	6	1
50	69,00			29	48,30	4	
63	74,75			36	60,95		
				42	69,00		
				48	74,75		

** Base: Terminal block Phoenix Contact, further see page 128

Ex Polyester enclosures



Type: **Ex e 06.12 12 09**

Ex ia 16.12 12 09



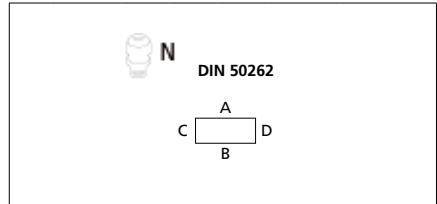
26.12 12 09

ATEX

h x w x d 120 x 122 x 91 mm

780 g

l in mm	in mm	N	N							
TS 35										
107	65		•	•	•	•	•	•	•	•



		1,5	2,5	4	6	10	16	25	35	50	70	95
	**	19	15	13	10	8	6					
	N	1	1	1	1	1	1					
	6											
	10	43										
	16	14	28	111								
	20	6	16	32								
	25		8	18	35							
	35			5	13	34						
	50				2	11	28					
	63					3	13					
	80						5					
	100											
	125											
	160											
	200											
	225											
	250											
	315											
400												
500												

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	12	12	7	17,25	12	12
16	25,30	5	5	9	21,85	8	6
20	27,60	4	4	11	25,30	5	5
25	37,95	2	2	13,5	27,60	4	4
32	48,30	1	1	16	31,05	4	3
40	60,95	1	1	21	37,95	2	2
50	69,00			29	48,30	1	1
63	74,75			36	60,95	1	1
				42	69,00		
				48	74,75		

** Base: Terminal block Phoenix Contact, further see page 128

Type: **Ex e 06.12 22 09**

Ex ia 16.12 22 09



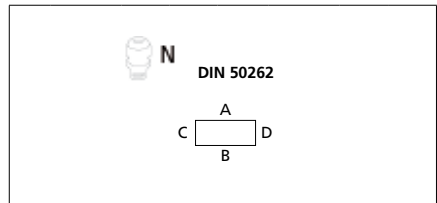
26.12 22 09

ATEX

h x w x d 120 x 220 x 91 mm

1102 g

l in mm	in mm	N	N							
TS 35										
205	166,5		•	•	•	•	•	•	•	•



		1,5	2,5	4	6	10	16	25	35	50	70	95
	**	42	34	29	21	17	14					
	N	1	1	1	1	1	1					
	6											
	10	46										
	16	15	30	119								
	20	6	18	34								
	25		8	19	37							
	35			5	14	36						
	50				2	12	30					
	63					4	14					
	80						5					
	100											
	125											
	160											
	200											
	225											
	250											
	315											
400												
500												

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	32	12	7	17,25	30	12
16	25,30	14	5	9	21,85	21	6
20	27,60	12	4	11	25,30	14	5
25	37,95	6	2	13,5	27,60	12	4
32	48,30	3	1	16	31,05	10	3
40	60,95	2	1	21	37,95	6	2
50	69,00			29	48,30	3	1
63	74,75			36	60,95	2	1
				42	69,00		
				48	74,75		

** Base: Terminal block Phoenix Contact, further see page 128

Ex Polyester enclosures



Type: **Ex e 06.16 16 09**

Ex ia 16.16 16 09



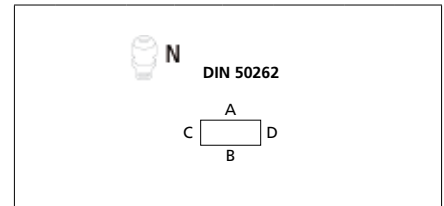
26.16 16 09

ATEX

h x w x d 160 x 160 x 91 mm

1307 g

l in mm	in mm	N	N							
TS 35		10 x 6 mm ²								
144	105	1			•	•	•	•	•	•



	1,5	2,5	4	6	10	16	25	35	50	70	95
	**	28	23	19	14	11	9	7	7		
	N	1	1	1	1	1	1	1	1		
	6										
	10	48									
	16	16	32	125							
	20	7	19	36							
	25		9	20	39						
	35			6	15	38					
	50				2	12	32				
	63					4	14	52			
	80						5	16	59		
	100							7	15		
	125								6		
	160										
	200										
	225										
	250										
	315										
400											
500											

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	26	18	7	17,25	26	18
16	25,30	14	8	9	21,85	15	12
20	27,60	9	6	11	25,30	12	8
25	37,95	6	3	13,5	27,60	9	6
32	48,30	3	2	16	31,05	8	6
40	60,95	2	1	21	37,95	6	3
50	69,00	2	1	29	48,30	2	2
63	74,75			36	60,95	2	1
				42	69,00	1	
				48	74,75		

** Base: Terminal block Phoenix Contact, further see page 128

Type: **Ex e 06.16 26 09**

Ex ia 16.16 26 09



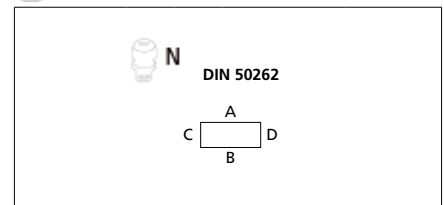
26.16 26 09

ATEX

h x w x d 160 x 260 x 91 mm

1797 g

l in mm	in mm	N	N							
TS 35		22 x 6 mm ²								
245	205	1			•	•	•	•	•	•



	1,5	2,5	4	6	10	16	25	35	50	70	95
	**	52	42	35	26	21	18	14	14		
	N	1	1	1	1	1	1	1	1		
	6										
	10	52									
	16	18	35	136							
	20	7	20	39							
	25		9	22	43						
	35			6	16	41					
	50				2	13	34				
	63					4	16	57			
	80						6	17	64		
	100							7	16		
	125								6		
	160										
	200										
	225										
	250										
	315										
400											
500											

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	50	16	7	17,25	50	15
16	25,30	26	8	9	21,85	30	11
20	27,60	17	6	11	25,30	21	6
25	37,95	11	3	13,5	27,60	17	6
32	48,30	5	2	16	31,05	14	5
40	60,95	3	1	21	37,95	11	3
50	69,00	3		29	48,30	5	2
63	74,75			36	60,95	3	1
				42	69,00	3	
				48	74,75		

** Base: Terminal block Phoenix Contact, further see page 128

Ex Polyester enclosures



Type: **Ex e 06.16 36 09**

Ex ia 16.16 36 09



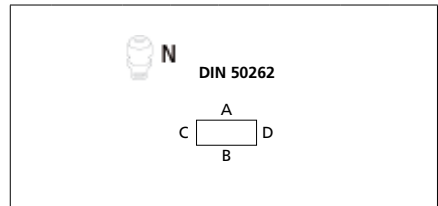
26.16 36 09

ATEX

h x w x d 160 x 360 x 91 mm

2273 g

l in mm	in mm	N	N						
TS 35		32 x 6 mm ²							
343	302	1		•	•	•	•	•	•



		1,5	2,5	4	6	10	16	25	35	50	70	95
	**	76	61	51	39	31	26	21	21			
	N	1	1	1	1	1	1	1	1			
	6											
	10	53										
	16	18	35	138								
	20	7	20	40								
	25		9	22	43							
	35			6	17	42						
	50				2	14	35					
	63					4	16	58				
	80						6	18	65			
	100							7	17			
	125								7			
	160											
	200											
	225											
	250											
	315											
400												
500												

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	72	18	7	17,25	72	18
16	25,30	38	8	9	21,85	42	12
20	27,60	26	6	11	25,30	36	8
25	37,95	16	3	13,5	27,60	26	6
32	48,30	7	2	16	31,05	20	6
40	60,95	5	1	21	37,95	16	3
50	69,00	4	1	29	48,30	7	2
63	74,75			36	60,95	5	1
				42	69,00	4	
				48	74,75		

** Base: Terminal block Phoenix Contact, further see page 128

Type: **Ex e 06.16 56 09**

Ex ia 16.16 56 09



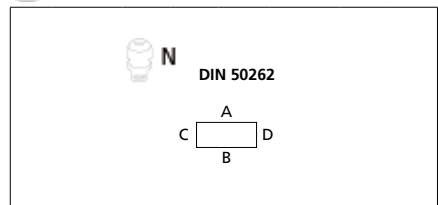
26.16 56 09

ATEX

h x w x d 160 x 560 x 91 mm

3294 g

l in mm	in mm	N	N						
TS 35		50 x 6 mm ²							
543	508	1		•	•	•	•	•	•



		1,5	2,5	4	6	10	16	25	35	50	70	95
	**	123	100	83	63	50	42	34	34			
	N	1	1	1	1	1	1	1	1			
	6											
	10	53										
	16	18	35	138								
	20	7	20	40								
	25		9	22	43							
	35			6	17	42						
	50				2	14	35					
	63					4	16	58				
	80						6	18	65			
	100							7	17			
	125								7			
	160											
	200											
	225											
	250											
	315											
400												
500												

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	112	18	7	17,25	112	18
16	25,30	58	8	9	21,85	66	12
20	27,60	40	6	11	25,30	52	8
25	37,95	24	3	13,5	27,60	40	6
32	48,30	12	2	16	31,05	32	6
40	60,95	8	1	21	37,95	22	3
50	69,00	6	1	29	48,30	10	2
63	74,75			36	60,95	8	1
				42	69,00	6	
				48	74,75		

** Base: Terminal block Phoenix Contact, further see page 128

Ex Polyester enclosures



Type: **Ex e 06.25 26 12**

Ex ia 16.25 26 12



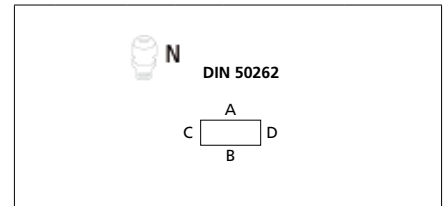
26.25 26 12

ATEX

h x w x d 250 x 255 x 121 mm

2820 g

l in mm	in mm	N	N							
TS 35		22 x 6 mm ²								
238	197	2			•	•	•	•	•	•



		1,5	2,5	4	6	10	16	25	35	50	70	95
	**	102	82	68	52	21	17	14	14	10		
	N	2	2	2	2	1	1	1	1	1		
	6											
	10	70										
	16	24	47	182								
	20	10	27	52								
	25		13	30	57							
	35			8	22	56						
	50				3	18	46					
	63					6	21	76				
	80						8	24	85			
	100							10	22			
	125								9	22		
	160									7		
	200											
	225											
	250											
	315											
400												
500												

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	69	51	7	17,25	69	51
16	25,30	32	24	9	21,85	40	32
20	27,60	24	18	11	25,30	32	24
25	37,95	12	10	13,5	27,60	24	18
32	48,30	8	7	16	31,05	21	17
40	60,95	4	3	21	37,95	12	9
50	69,00	3	3	29	48,30	8	6
63	74,75	3	2	36	60,95	4	3
				42	69,00	3	2
				48	74,75	3	2

** Base: Terminal block Phoenix Contact, further see page 128

Type: **Ex e 06.25 26 16**

Ex ia 16.25 26 16



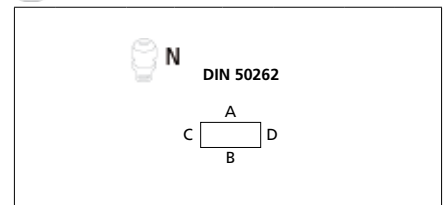
26.25 26 16

ATEX

h x w x d 250 x 255 x 161 mm

3515 g

l in mm	in mm	N	N							
TS 35		22 x 6 mm ²								
238	197	2			•	•	•	•	•	•




		1,5	2,5	4	6	10	16	25	35	50	70	95
	**	102	82	68	52	21	17	14	14	10	8	
	N	2	2	2	2	1	1	1	1	1	1	
	6											
	10	82										
	16	28	54	211								
	20	11	31	61								
	25		15	34	67							
	35			10	26	65						
	50				3	21	54					
	63					7	25	88				
	80						9	27	99			
	100							12	26			
	125								10	26		
	160									9	23	
	200										8	
	225										3	
	250											
	315											
400												
500												

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	69	51	7	17,25	69	51
16	25,30	32	24	9	21,85	40	32
20	27,60	24	18	11	25,30	32	24
25	37,95	12	10	13,5	27,60	24	18
32	48,30	8	7	16	31,05	21	17
40	60,95	4	3	21	37,95	12	9
50	69,00	3	3	29	48,30	8	6
63	74,75	3	2	36	60,95	4	3
				42	69,00	3	2
				48	74,75	3	2

** Base: Terminal block Phoenix Contact, further see page 128

Ex Polyester enclosures













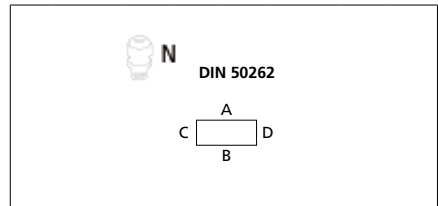
Type: **Ex e 06.25 40 12** **Ex ia 16.25 40 12**  **26.25 40 12**





ATEX



h x w x d 250 x 400 x 121 mm

 **3741 g**


									
l in mm	in mm	N	N						
TS 35		36 x 6 mm ²							
381	342	2		•	•	•	•	•	•



		1,5	2,5	4	6	10	16	25	35	50	70	95
	**	170	138	116	86	35	29	23	23	18		
	N	2	2	2	2	1	1	1	1	1		
	6											
	10	76										
	16	26	50	197								
	20	10	29	57								
	25		14	32	62							
	35			9	24	60						
	50				3	19	50					
	63					6	23	82				
	80						9	26	92			
	100							11	24			
	125								9	24		
	160									8		
	200											
	225											
	250											
	315											
400												
500												

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	117	50	7	17,25	114	50
16	25,30	56	22	9	21,85	68	32
20	27,60	42	18	11	25,30	56	21
25	37,95	21	10	13,5	27,60	40	18
32	48,30	14	6	16	31,05	33	17
40	60,95	7	3	21	37,95	21	9
50	69,00	5	2	29	48,30	14	5
63	74,75	5	2	36	60,95	7	3
				42	69,00	5	2
				48	74,75	5	2











** Base: Terminal block Phoenix Contact, further see page 128

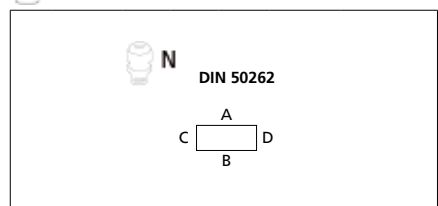
Type: **Ex e 06.25 40 16** **Ex ia 16.25 40 16**  **26.25 40 16**





ATEX



h x w x d 250 x 400 x 161 mm

 **4800 g**

									
l in mm	in mm	N	N						
TS 35		36 x 6 mm ²							
381	342	2		•	•	•	•	•	•



		1,5	2,5	4	6	10	16	25	35	50	70	95
	**	170	138	116	86	35	29	23	23	18	14	
	N	2	2	2	2	1	1	1	1	1	1	
	6											
	10	87										
	16	30	58	226								
	20	12	34	65								
	25		16	37	71							
	35			11	28	69						
	50				4	22	57					
	63					7	26	95				
	80						10	29	106			
	100							12	28			
	125								11	28		
	160									9	25	
	200										9	
	225										3	
	250											
	315											
400												
500												

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	117	50	7	17,25	114	50
16	25,30	56	24	9	21,85	68	32
20	27,60	42	18	11	25,30	56	22
25	37,95	21	10	13,5	27,60	40	18
32	48,30	14	7	16	31,05	33	17
40	60,95	7	3	21	37,95	21	9
50	69,00	5	3	29	48,30	14	6
63	74,75	5	2	36	60,95	7	3
				42	69,00	5	2
				48	74,75	5	2

** Base: Terminal block Phoenix Contact, further see page 128

Ex Polyester enclosures



Type: **Ex e 06.25 60 12**

Ex ia 16.25 60 12



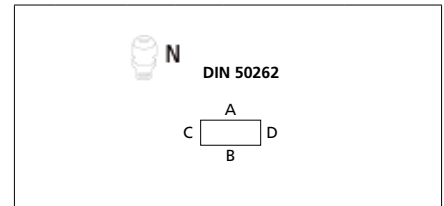
26.25 60 12

ATEX

h x w x d 250 x 600 x 121 mm

5520 g

l in mm	in mm	N	N							
TS 35		56 x 6 mm ²								
581	542	2			•	•	•	•	•	•



	1,5	2,5	4	6	10	16	25	35	50	70	95
	**	266	214	180	136	54	45	36	36	28	
	N	2	2	2	2	1	1	1	1	1	
	6										
	10	78									
	16	27	52	202							
	20	11	30	58							
	25		14	33	64						
	35			9	25	62					
	50				3	20	51				
	63					6	24	85			
	80						9	26	95		
	100							11	25		
	125								10	25	
	160									8	
	200										
	225										
	250										
	315										
400											
500											

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	108	50	7	17,25	108	50
16	25,30	52	24	9	21,85	64	32
20	27,60	36	18	11	25,30	48	22
25	37,95	30	10	13,5	27,60	36	18
32	48,30	12	7	16	31,05	30	17
40	60,95	6	3	21	37,95	18	9
50	69,00	4	3	29	48,30	12	6
63	74,75	4	2	36	60,95	6	3
				42	69,00	4	2
				48	74,75	4	2

** Base: Terminal block Phoenix Contact, further see page 128

Type: **Ex e 06.36 36 09**

Ex ia 16.36 36 09



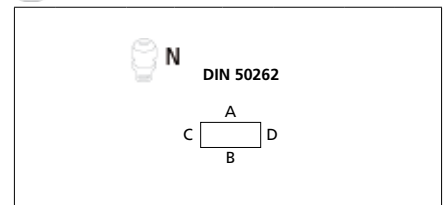
26.36 36 09

ATEX

h x w x d 360 x 360 x 91 mm

4400 g

l in mm	in mm	N	N							
TS 35		36 x 6 mm ²								
343	304	2			•	•	•	•	•	•



	1,5	2,5	4	6	10	16	25	35	50	70	95
	**	228	183	153	78	62	52	42	42		
	N	3	3	3	2	2	2	2	2		
	6										
	10	77									
	16	26	51	199							
	20	11	30	58							
	25		14	32	63						
	35			9	24	61					
	50				3	20	50				
	63					6	23	83			
	80						9	26	93		
	100							11	24		
	125								10		
	160										
	200										
	225										
	250										
	315										
400											
500											

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	72	52	7	17,25	72	52
16	25,30	38	24	9	21,85	42	38
20	27,60	26	20	11	25,30	33	23
25	37,95	16	10	13,5	27,60	26	20
32	48,30	7	6	16	31,05	20	18
40	60,95	5	5	21	37,95	15	9
50	69,00	4		29	48,30	7	6
63	74,75			36	60,95	5	4
				42	69,00	4	
				48	74,75		

** Base: Terminal block Phoenix Contact, further see page 128

Ex Polyester enclosures



Type: **Ex e 06.41 40 12**

Ex ia 16.41 40 12



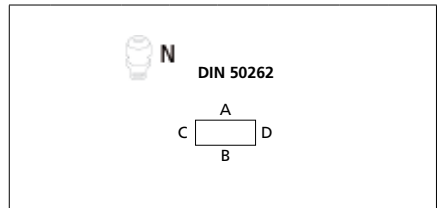
26.41 40 12

ATEX

h x w x d 405 x 400 x 121 mm

5760 g

l in mm	in mm	N	N							
TS 35		36 x 6 mm ²								
381	342	2		•	•	•	•	•	•	•



	1,5	2,5	4	6	10	16	25	35	50	70	95
	255	207	174	129	70	58	23	23	18		
	3	3	3	3	2	2	1	1	1		
6											
10	92										
16	31	61	237								
20	13	35	69								
25		17	39	75							
35			11	29	73						
50				4	24	60					
63					8	28	99				
80						10	31	111			
100							13	29			
125								12	29		
160									10		
200											
225											
250											
315											
400											
500											

M	Side		PG	Side			
	A/B	C/D		A/B	C/D		
12	17,25	117	95	7	17,25	114	95
16	25,30	56	46	9	21,85	68	60
20	27,60	42	36	11	25,30	56	44
25	37,95	21	18	13,5	27,60	40	36
32	48,30	14	13	16	31,05	33	32
40	60,95	7	6	21	37,95	21	18
50	69,00	5	5	29	48,30	14	12
63	74,75	5	4	36	60,95	7	6
				42	69,00	5	5
				48	74,75	5	4

** Base: Terminal block Phoenix Contact, further see page 128

Ex Polyester enclosures



Type: **Ex e 06.41 40 20**

Ex ia 16.41 40 20



26.41 40 20

ATEX

h x w x d

406 x 401 x 201 mm

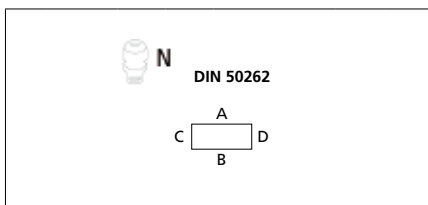


7424 g

l in mm	in mm	N	N						
TS 35		36 x 6 mm ²							
381	342	2		•	•	•	•	•	•

		1,5	2,5	4	6	10	16	25	35	50	70	95	120	150
	**	255	207	174	129	70	58	23	23	18	14	14	11	11
	N	3	3	3	3	2	2	1	1	1	1	1	1	1
	6													
	10	114												
	16	39	76	295										
	20	16	44	85										
	25		21	48	93									
	35			14	36	91								
	50				5	29	75							
	63					10	35	124						
	80						13	39	139					
	100							16	36					
	125								14	37				
	160									12	32			
	200										11	28	87	
	225										4	16	34	
	250											8	21	43
	315												4	12
400														
500														

** Base: Terminal block Phoenix Contact, further see page 128

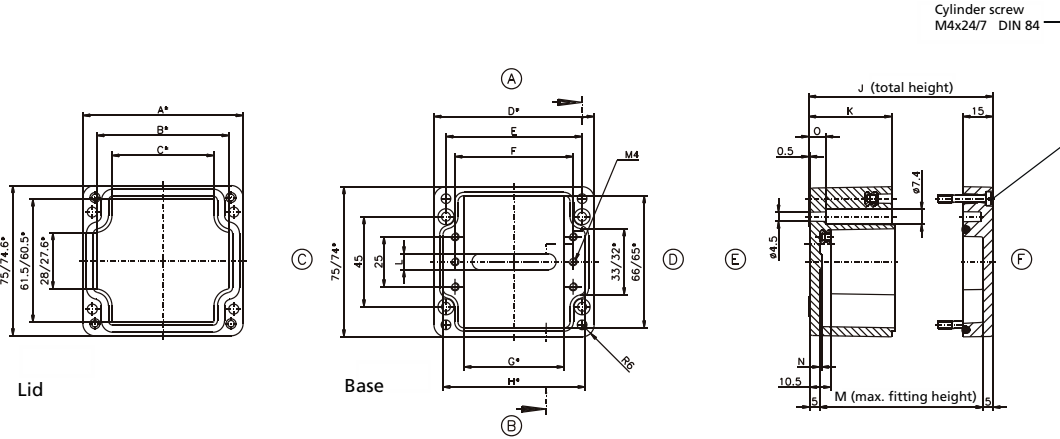


M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	210	190	7	17,25	205	190
16	25,30	98	91	9	21,85	128	120
20	27,60	88	77	11	25,30	98	91
25	37,95	45	43	13,5	27,60	88	77
32	48,30	28	26	16	31,05	66	63
40	60,95	17	15	21	37,95	45	40
50	69,00	12	11	29	48,30	28	24
63	74,75	9	8	36	60,95	17	15
				42	69,00	11	11
				48	74,75	10	8

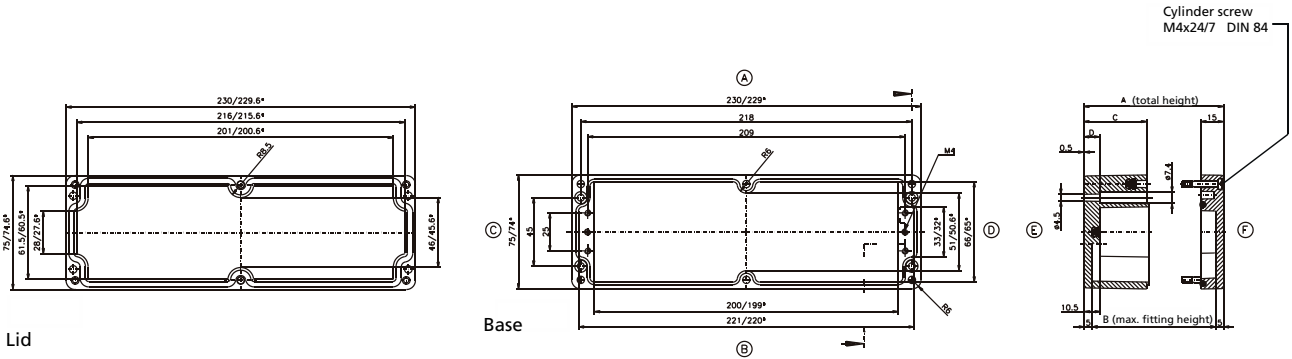
Ex Polyester enclosures



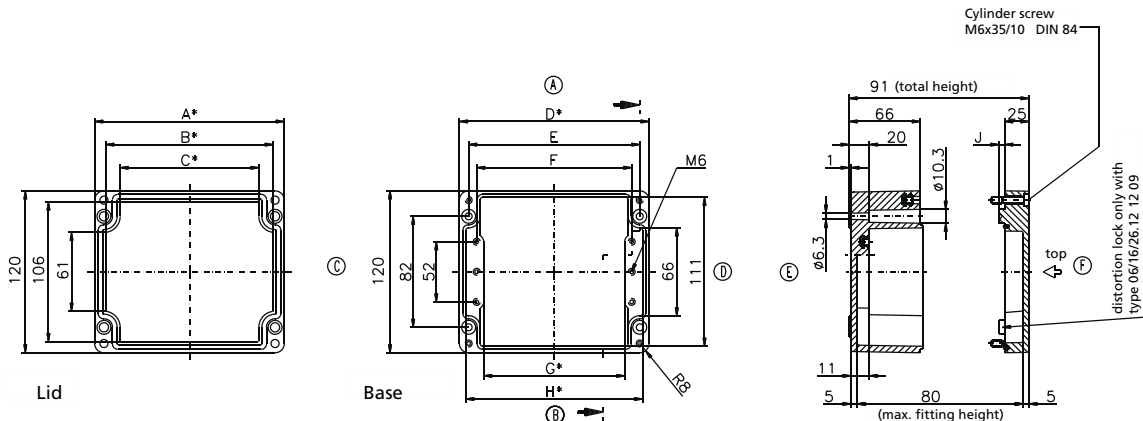
Type	A	B	C	D	E	F	G	H	J	K	L	M	N	O
06/16/26.08 08 06	80	66	51	80	68	59	50	71	56,5	41,5	8	46	1	8,5
06/16/26.08 08 08	80	66	51	80	68	59	50	71	75,5	60,5		65		9,5
06/16/26.08 11 06	110	96	81	110	98	89	80	101	56,5	41,5	8	46	1	8,5
06/16/26.08 11 08	110	96	81	110	98	89	80	101	75,5	60,5		65		9,5
06/16/26.08 16 06	160	146	131	160	148	139	130	151	56,5	41,5	8	46	1	8,5
06/16/26.08 16 08	160	146	131	160	148	139	130	151	75,5	60,5		65		9,5
06/16/26.08 19 06	190	176	161	190	178	169	160	181	56,5	41,5		46		8,5
06/16/26.08 19 08	190	176	161	190	178	169	160	181	75,5	60,5		65		9,5



Type	A	B	C	D
06/16/26.08 23 06	56	46	41	10
06/16/26.08 23 08	75	65	60	9



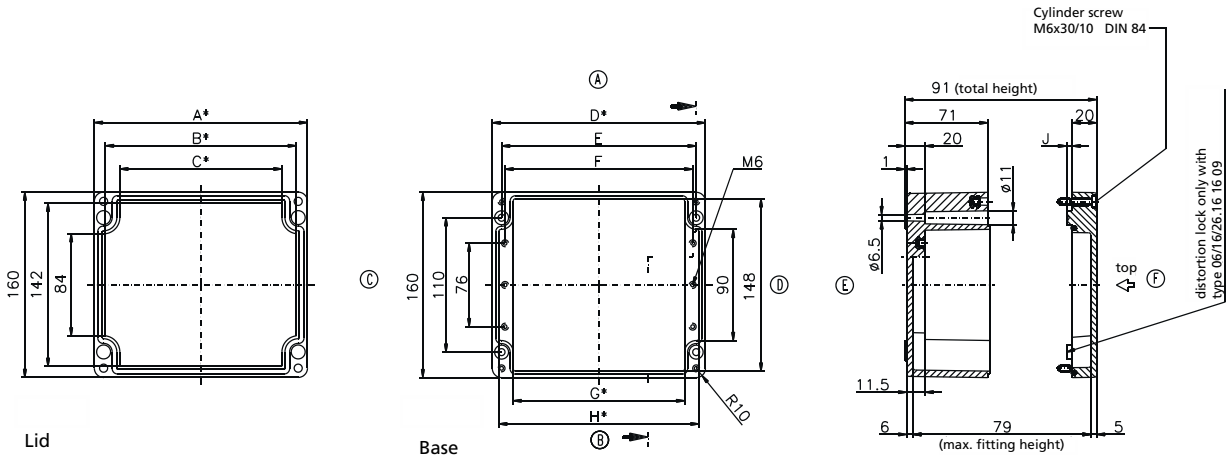
Type	A	B	C	D	E	F	G	H	J
06/16/26.12 12 09	122	108	85	122	106	95	82	113	5
06/16/26.12 22 09	220	206	183	220	204	193	180	211	



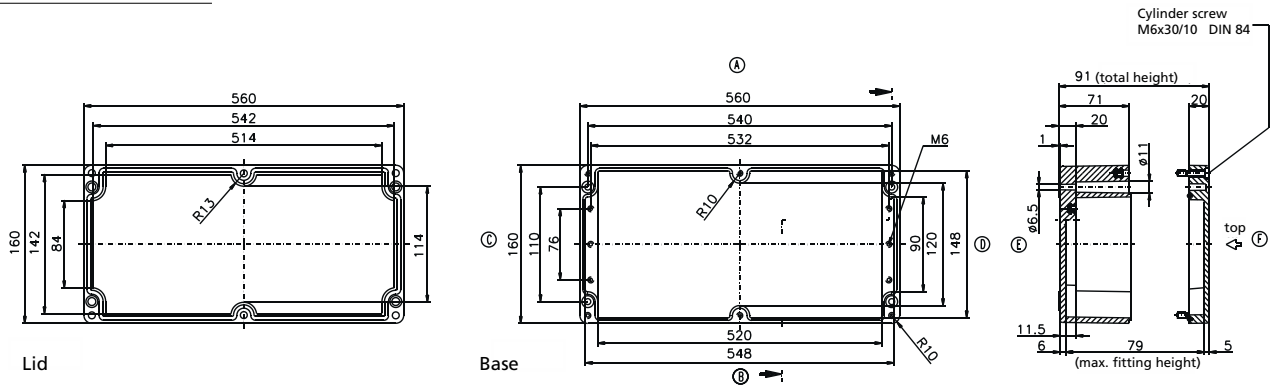
Ex Polyester enclosures



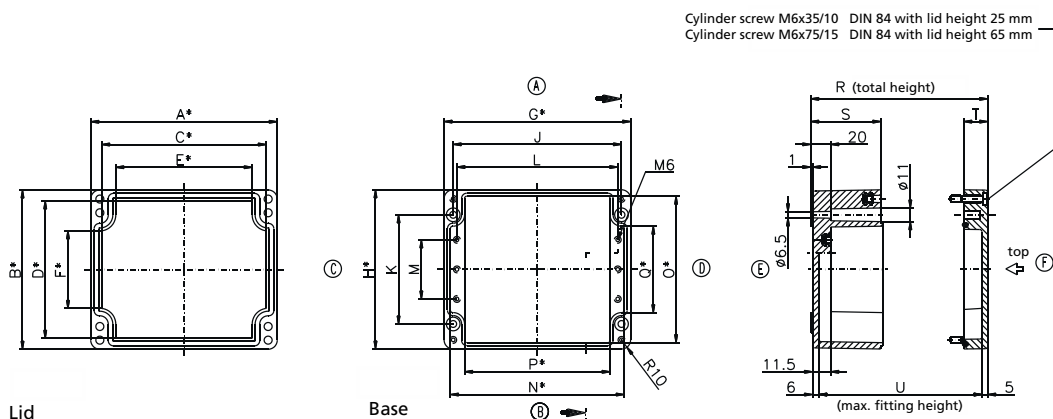
Type	A	B	C	D	E	F	G	H	J
06/16/26.16 16 09	160	142	114	160	140	132	120	148	5,5
06/16/26.16 26 09	260	242	214	260	240	232	220	248	
06/16/26.16 36 09	360	342	314	360	340	332	320	348	



Type: **06/16/26.16 56 09**



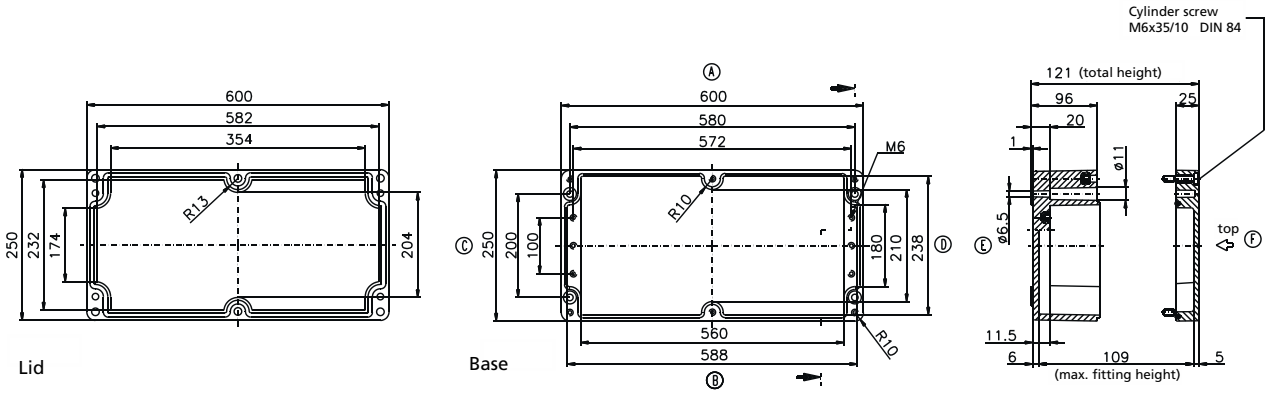
Type	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	R	S	T	U
06/16/26.25 26 12	255	250	237	232	209	174	255	250	235	200	227	100	243	238	215	180	121	96	25	109
06/16/26.25 26 16	255	250	237	232	209	174	255	250	235	200	227	100	243	238	215	180	161	96	65	149
06/16/26.25 40 12	400	250	382	232	354	174	400	250	380	200	372	100	388	238	360	180	121	96	25	109
06/16/26.25 40 16	400	250	382	232	354	174	400	250	380	200	372	100	388	238	360	180	161	96	65	149



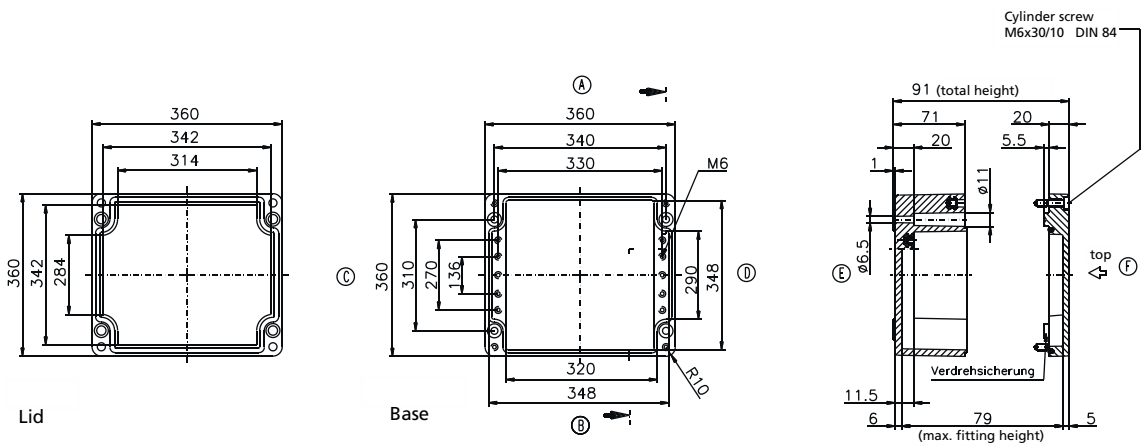
Ex Polyester enclosures



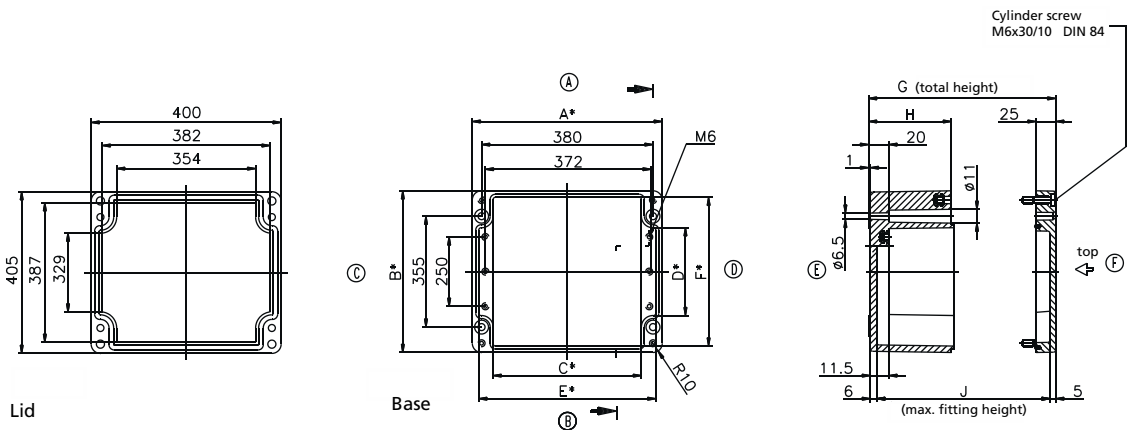
Type: **06/16/26.25 60 12**



Type: **06/16/26.36 36 09**



Type	A	B	C	D	E	F	G	H	J
06/16/26.41 40 12	400	405	360	335	388	393	121	96	109
06/16/26.41 40 20	401	406	360	335	388	393	201	176	189



Ex Polyester flange enclosures



Terminal mounting

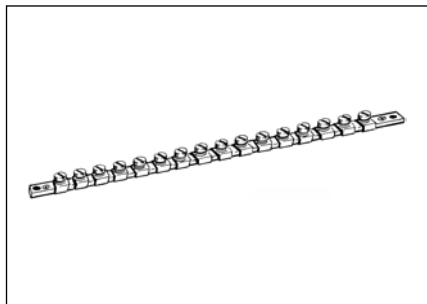
Make	Phoenix															Bartec					
DIN rail TS 15				X	X				X												
DIN rail TS 32																					
DIN rail TS 35	X	X	X			X	X		X	X	X	X	X	X	X						
Voltage (V)	352	550	690	275	420	690	690	275	690	690	690	690	880	1100	1100	380	380				
Current (A)	17	22	23	22,5	27	32,5	43,5	37	57	74	118,5	137	216	256	350						
Nominal cross section (mm ²)	1,5	2,5	2,5	2,5	4	4	6	6	10	16	35	50	95	150	240	2,5	2,5				
Terminal width (mm)	4,2	5,2	5,2	5,2	6,2	6,2	8,2	8,2	10,2	12,2	16	20	25	31	36	30	30				
Terminal Type																					
Enclosure Type	UK 1,5 N	UK 2,5 N	UK 3 N	MBK 3/E-Z	MXK 4	UK 5 N	UK 6 N	MBK 6/E	UK 10 N	UK 16 N	UK 35	UKH 50	UKH 95	UKH 150	UKH 240	Ex Mini terminals	Ex Mini terminals blue				PE bar 1,5 to 6 mm ²
06/16./26.14 01 00	54	44	44	44	37	37	28	28	22	18	15										22
06/16./26.14 02 00	108	88	88	88	74	74	56	56	44	36	30										20
06/16./26.14 03 00	238	192	192	192	160	160	122	122	98	82	64	50									48

PE terminal as required

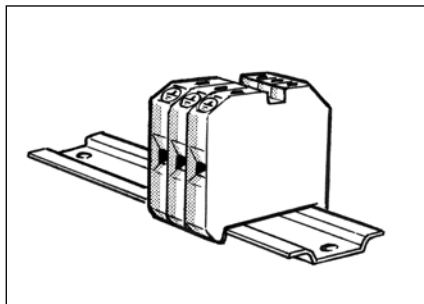
Ex Polyester flange enclosures



Accessories / Execution

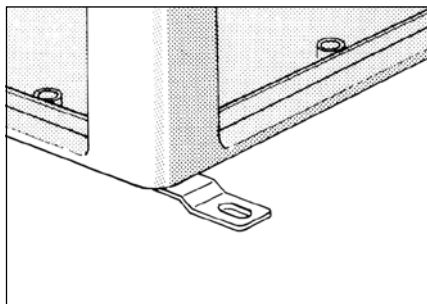


PE bar

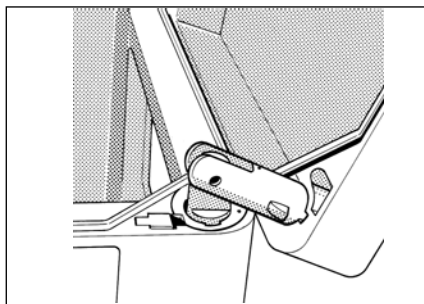


PE terminal blocks

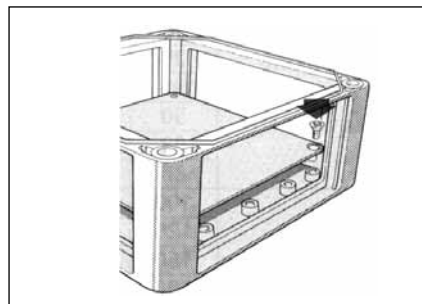
Accessories



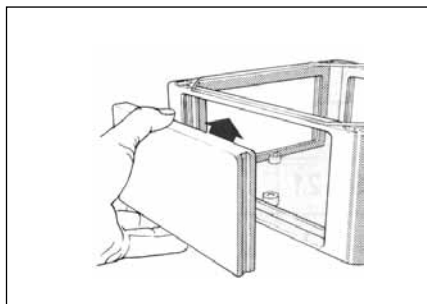
External brackets



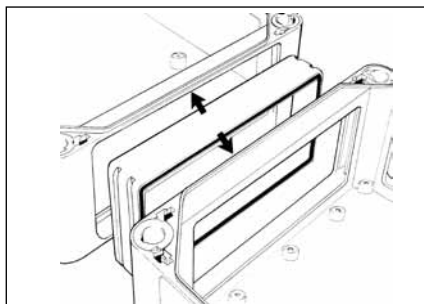
Internal hinge (pair)



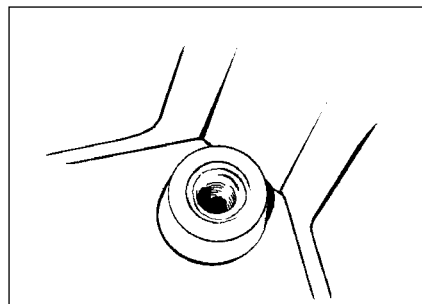
Mounting plate



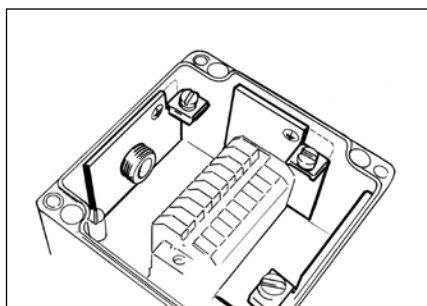
Blind flange



Connection flange



Internal threads



Continuity plate for blind flange (brass)

Ex Polyester flange enclosures



Type: **Ex e 06.14 03 00**

Ex ia 16.14 03 00



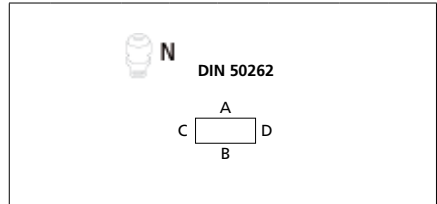
26.14 03 00

ATEX

h x w x d 270 x 541 x 136 mm

6300 g

I in mm	in mm	N									
TS 35		20 x 6 mm ²								A/B	C/D
485	460	2	•	•	•	•	•	•	•	2	1



		1,5	2,5	4	6	10	16	25	35	50	70	95
	**	238	192	160	122	98	82	64	64	50	40	
	N	2	2	2	2	2	2	2	2	2	2	
	6											
	10	85										
	16	29	56	220								
	20	12	33	64								
	25		15	36	69							
	35			10	27	67						
	50				4	22	56					
	63					7	26	92				
	80						10	29	103			
	100							12	27			
	125								11	27		
	160									9	24	
	200										8	
	225										3	
	250											
315												
400												
500												

M	Side		PG	Side			
	A/B*	C/D		A/B*	C/D		
12	17,25	63	63	7	17,25	63	63
16	25,30	28	28	9	21,85	38	38
20	27,60	22	22	11	25,30	28	28
25	37,95	12	12	13,5	27,60	22	22
32	48,30	8	8	16	31,05	18	18
40	60,95	3	3	21	37,95	11	11
50	69,00	3	3	29	48,30	8	8
63	74,75	2	2	36	60,95	3	3
				42	69,00	3	3
				48	74,75	2	2

** Base: Terminal block Phoenix Contact, further see page 146

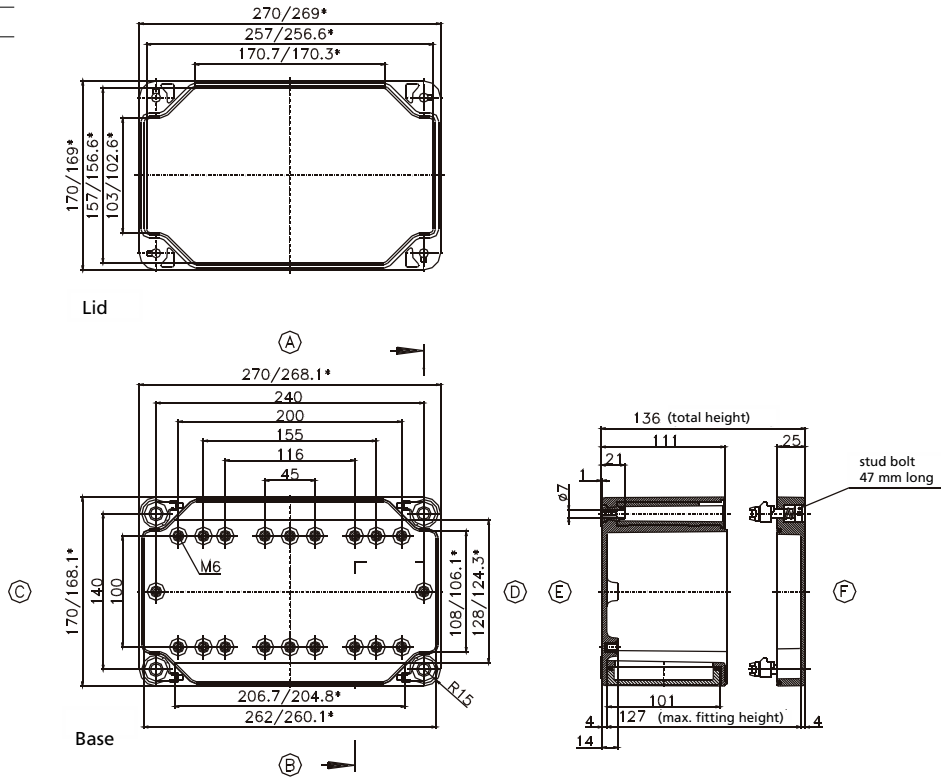
* pro flange

Ex Polyester flange enclosures

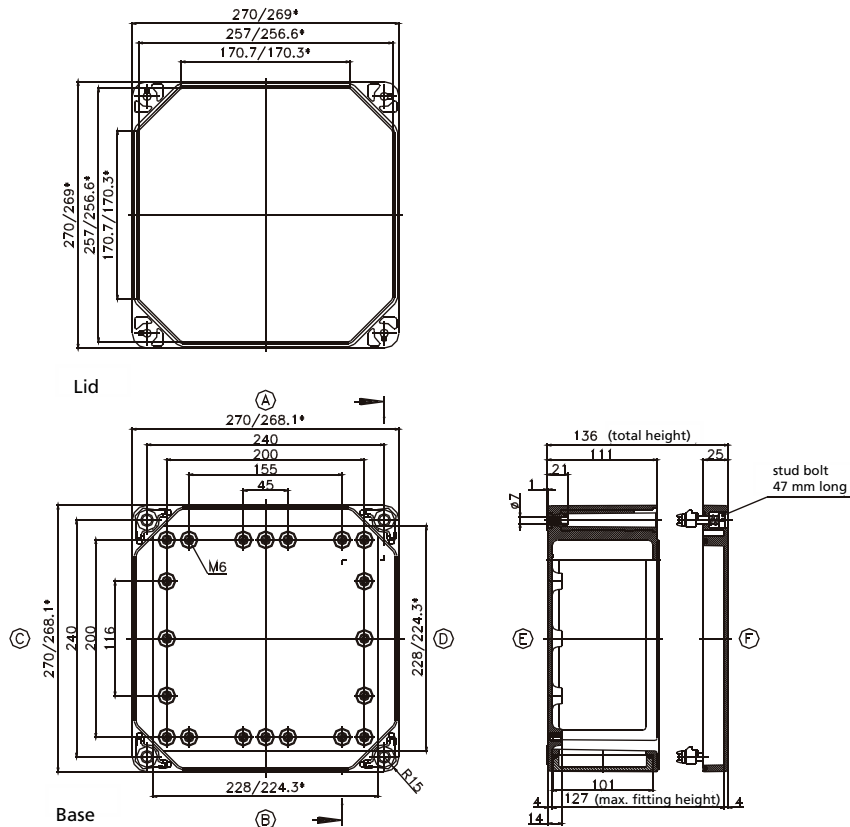


Dimensions

Type: **06/16/26.14 01 00**



Type: **06/16/26.14 02 00**

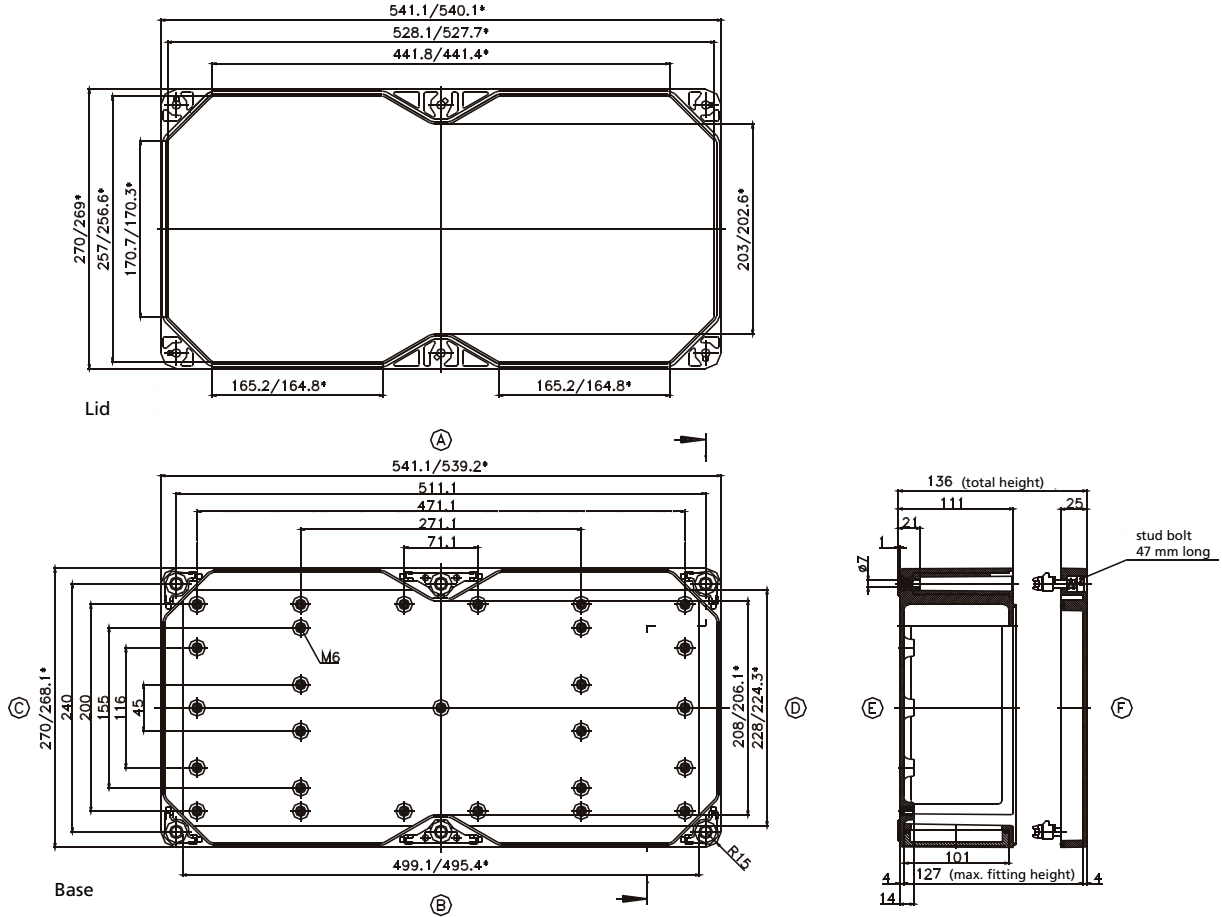


Ex Polyester flange enclosures



Dimensions

Type: **06/16/26.14 03 00**



Ex Polyester Okta Box



Terminal mounting

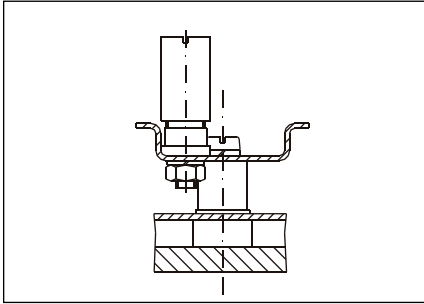
Make	Phoenix															Bartec		
DIN rail TS 15				X	X			X										
DIN rail TS 32																		
DIN rail TS 35	X	X	X			X	X		X	X	X	X	X	X	X			
Voltage (V)	352	550	690	275	420	690	690	275	690	690	690	690	880	1100	1100	380	380	
Current (A)	17	22	23	22,5	27	32,5	43,5	37	57	74	118,5	137	216	256	350			
Nominal cross section (mm ²)	1,5	2,5	2,5	2,5	4	4	6	6	10	16	35	50	95	150	240	2,5	2,5	
Terminal width (mm)	4,2	5,2	5,2	5,2	6,2	6,2	8,2	8,2	10,2	12,2	16	20	25	31	36	30	30	
Terminal Type																		
Enclosure Type	UK 1,5 N	UK 2,5 N	UK 3 N	MBK 3/E-Z	MXK 4	UK 5 N	UK 6 N	MBK 6/E	UK 10 N	UK 16 N	UK 35	UKH 50	UKH 95	UKH 150	UKH 240	Ex Mini terminals	Ex Mini terminals blue	
06/16./26.88 01 00				8													2	
06/16./26.88 02 00	14	12	12	12	10	10	7	7	6								2	
06/16./26.88 03 00	24	19	19	19	16	16	12	12	10	8							2	
06/16./26.88 04 00	37	30	30	30	25	25	19	19	15	12	10	7					2	

PE terminal as required

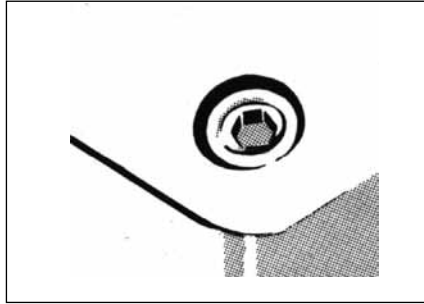
Ex Polyester Okta Box



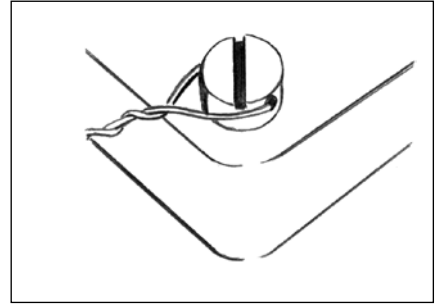
Accessories



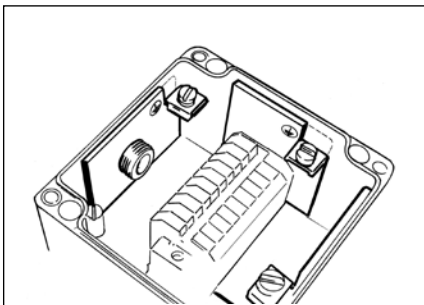
PE connection on DIN rail



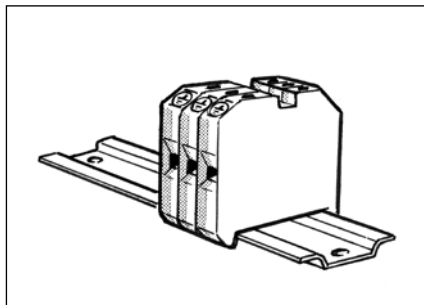
Allen lid screw from stainless steel



Sealable lid screw, corrosion resisted



Continuity plate brass



PE terminal block



Terminal fitting, cable glands

Ex Polyester Okta Box



Type: **Ex e 06.88 01 00**

Ex ia 16.88 01 00



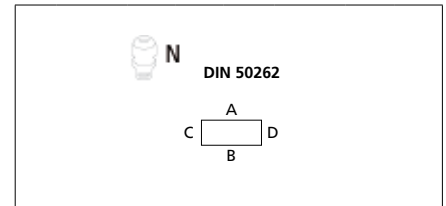
26.88 01 00

ATEX

h x w x d 81 x 81 x 75 mm

333 g

l in mm	in mm	N	N						
TS 15									
68					•	•			•



	1,5	2,5	4	6	10	16	25	35	50	70	95
	**	8	8								
	N	1	1								
	6										
	10	32									
	16	11	21								
	20	4	12								
	25		5								
	35										
	50										
	63										
	80										
	100										
	125										
	160										
	200										
	225										
	250										
	315										
400											
500											

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	3	3	7	17,25	3	3
16	25,30	1	1	9	21,85	2	2
20	27,60	1	1	11	25,30	1	1
25	37,95			13,5	27,60	1	1
32	48,30			16	31,05	1	1
40	60,95			21	37,95		
50	69,00			29	48,30		
63	74,75			36	60,95		
				42	69,00		
				48	74,75		

** Base: Terminal block Phoenix Contact, further see page 152

Type: **Ex e 06.88 02 00**

Ex ia 16.88 02 00



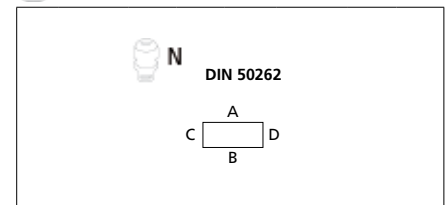
26.88 02 00

ATEX

h x w x d 121 x 121 x 75 mm

538 g

l in mm	in mm	N	N						
TS 15/35									
101	72				•	•			•




	1,5	2,5	4	6	10	16	25	35	50	70	95
	**	14	12	10	7	6					
	N	1	1	1	1	1					
	6										
	10	36									
	16	12	24	93							
	20	5	14	27							
	25		6	15	29						
	35			4	11	28					
	50					9					
	63					3					
	80										
	100										
	125										
	160										
	200										
	225										
	250										
	315										
400											
500											

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	8	8	7	17,25	8	8
16	25,30	3	3	9	21,85	5	5
20	27,60	2	2	11	25,30	3	3
25	37,95	1	1	13,5	27,60	2	2
32	48,30			16	31,05	2	2
40	60,95			21	37,95	1	1
50	69,00			29	48,30		
63	74,75			36	60,95		
				42	69,00		
				48	74,75		

** Base: Terminal block Phoenix Contact, further see page 152













Ex Polyester Okta Box

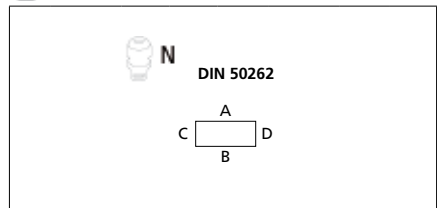






Type: **Ex e 06.88 03 00** **Ex ia 16.88 03 00**  **26.88 03 00**



ATEX $h \times w \times d$ **161 x 161 x 93 mm**

 **980 g**


											
l in mm	in mm	N	N								
TS 15/35											
141	107,5					•	•			•	•



	1,5	2,5	4	6	10	16	25	35	50	70	95
											
	**	24	19	16	12	10	8				
	N	1	1	1	1	1	1				
	6										
	10	47									
	16	16	31	121							
	20	6	18	35							
	25		8	20	38						
	35			5	15	37					
	50				2	12	30				
	63					4	14				
	80						5				
	100										
	125										
	160										
	200										
	225										
	250										
	315										
	400										
500											













M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	15	15	7	17,25	15	15
16	25,30	8	8	9	21,85	9	9
20	27,60	5	5	11	25,30	8	8
25	37,95	2	2	13,5	27,60	5	5
32	48,30	2	2	16	31,05	4	4
40	60,95			21	37,95	2	2
50	69,00			29	48,30	2	2
63	74,75			36	60,95		
				42	69,00		
				48	74,75		

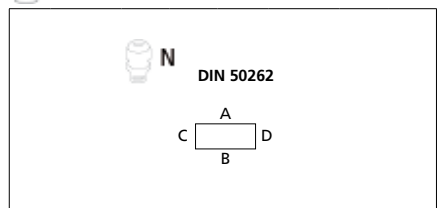
** Base: Terminal block Phoenix Contact, further see page 152





Type: **Ex e 06.88 04 00** **Ex ia 16.88 04 00**  **26.88 04 00**



ATEX $h \times w \times d$ **201 x 201 x 125 mm**

 **2080 g**

											
l in mm	in mm	N	N								
TS 35											
178	148										



	1,5	2,5	4	6	10	16	25	35	50	70	95
											
	**	111	90	75	57	30	24	10	10	7	
	N	1	1	1	1	1	1	1	1	1	
	6										
	10	64									
	16	22	42	165							
	20	9	25	48							
	25		11	27	52						
	35			8	20	51					
	50				3	16	42				
	63					5	19	69			
	80						7	21	77		
	100							9	20		
	125								8	20	
	160									7	
	200										
	225										
	250										
	315										
	400										
500											

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	36	36	7	17,25	36	36
16	25,30	16	16	9	21,85	20	20
20	27,60	12	12	11	25,30	16	16
25	37,95	6	6	13,5	27,60	12	12
32	48,30	4	4	16	31,05	10	10
40	60,95	2	2	21	37,95	6	6
50	69,00	2	2	29	48,30	4	4
63	74,75	1	1	36	60,95	2	2
				42	69,00	1	1
				48	74,75	1	1

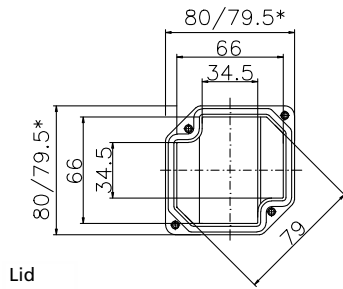
** Base: Terminal block Phoenix Contact, further see page 152

Ex Polyester Okta Box

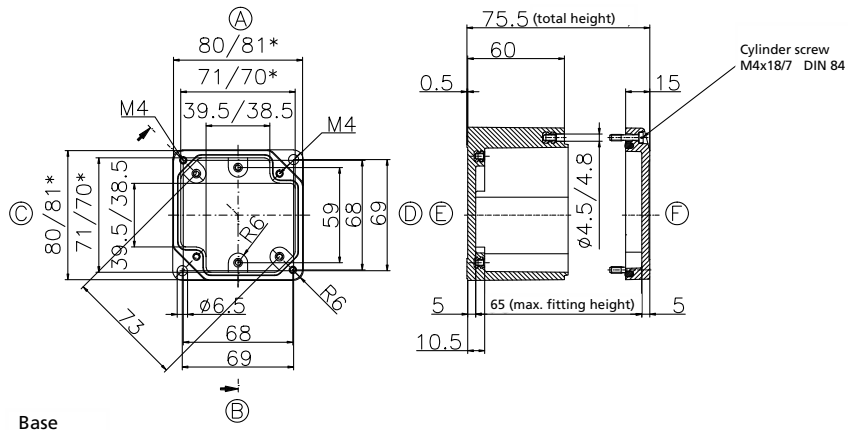


Dimensions

Type: **06/16/26.88 01 00**

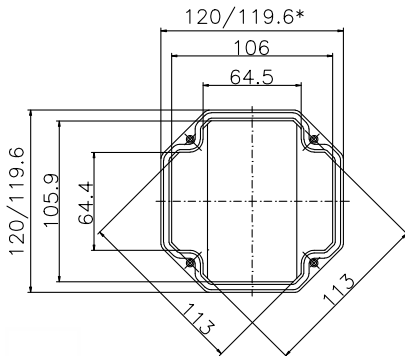


Lid

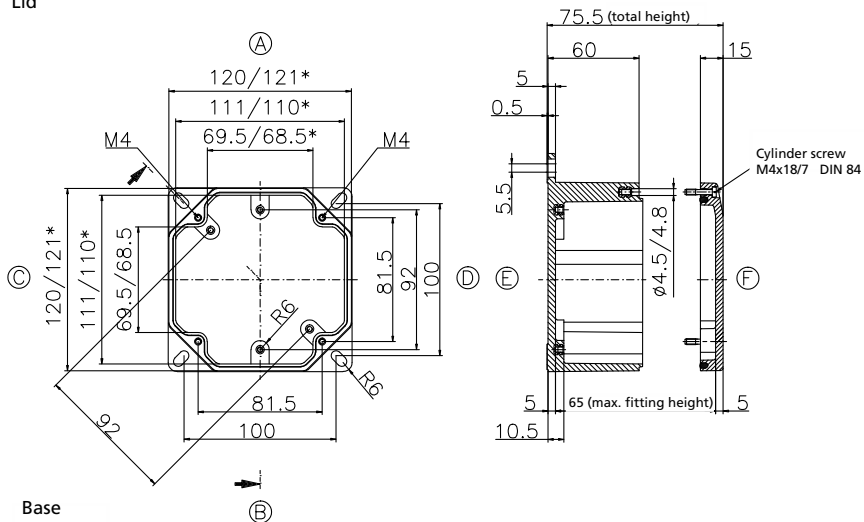


Base

Type: **06/16/26.88 02 00**



Lid



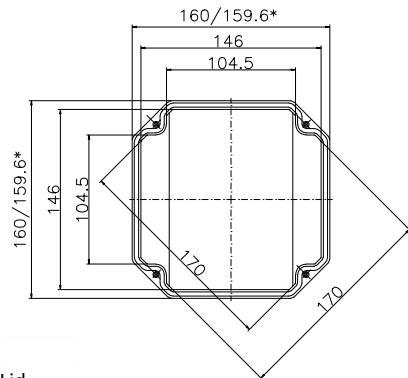
Base

Ex Polyester Okta Box

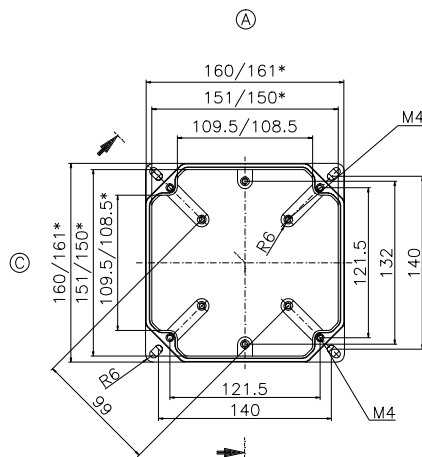


Dimensions

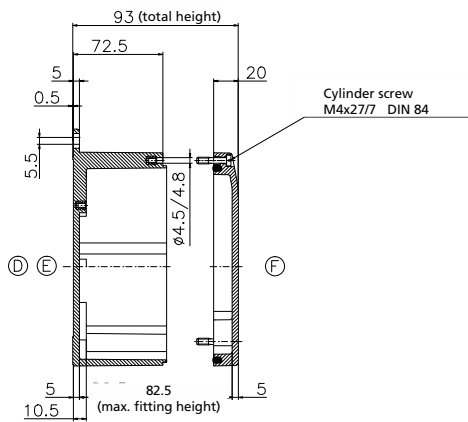
Type: **06/16/26.88 03 00**



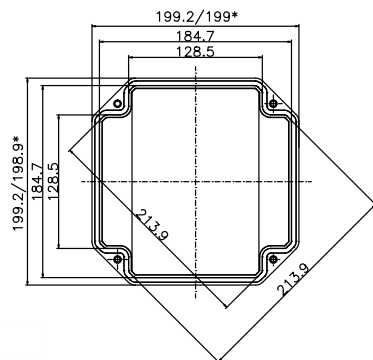
Lid



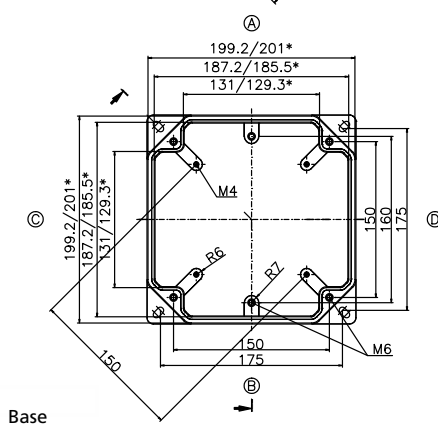
Base



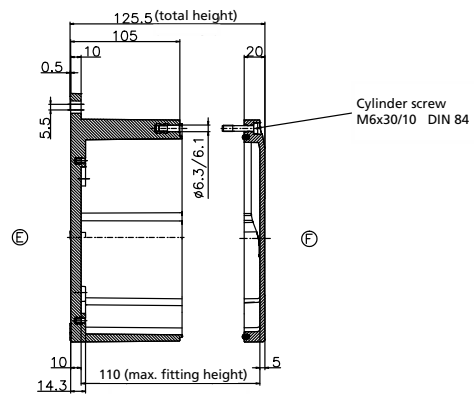
Type: **06/16/26.88 04 00**



Lid



Base



Ex Polyester cabinets Polyglas

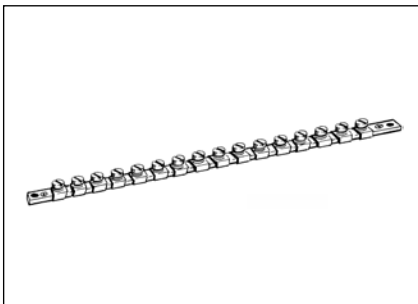


Terminal mounting

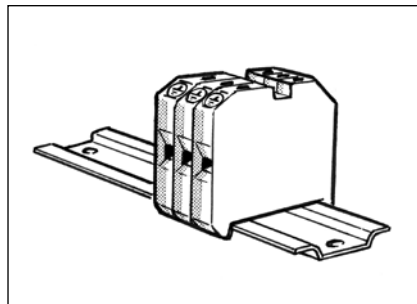
Make	Phoenix															Bartec		
DIN rail TS 15				X	X			X										
DIN rail TS 32																		
DIN rail TS 35	X	X	X			X	X		X	X	X	X	X	X				
Voltage (V)	352	550	690	275	420	690	690	275	690	690	690	690	880	1100	1100	380	380	
Current (A)	17	22	23	22,5	27	32,5	43,5	37	57	74	118,5	137	216	256	350			
Nominal cross section (mm ²)	1,5	2,5	2,5	2,5	4	4	6	6	10	16	35	50	95	150	240	2,5	2,5	
Terminal width (mm)	4,2	5,2	5,2	5,2	6,2	6,2	8,2	8,2	10,2	12,2	16	20	25	31	36	30	30	
Terminal Type																		
Enclosure Type	UK 1,5 N	UK 2,5 N	UK 3 N	MBK 3/E-Z	MXK 4	UK 5 N	UK 6 N	MBK 6/E	UK 10 N	UK 16 N	UK 35	UKH 50	UKH 95	UKH 150	UKH 240	Ex Mini terminals	Ex Mini terminals blue	PE bar 1,5 to 6 mm ²
06/16./26.20 20 00	35	28	28	28	24	24	18	18	14	12	9							6
06/16./26.30 30 00	62	50	50	50	42	42	31	31	25	21	17	13						11
06/16./26.30 40 00	172	140	140	140	116	116	88	88	70	29	24	18	14	11				17
06/16./26.40 60 00	402	324	324	324	273	273	136	136	110	92	37	28	22	18	10			28

PE terminal as required

Accessories / Execution

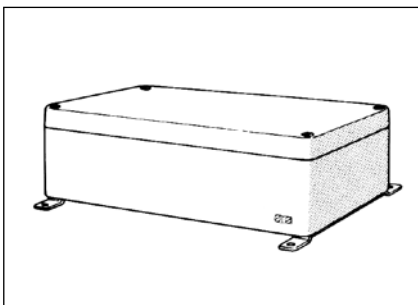


PE bar

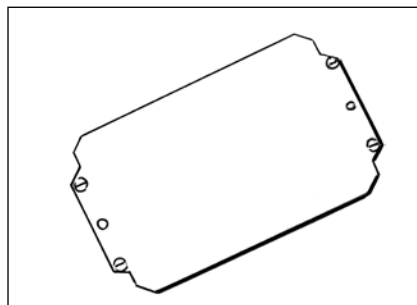


PE terminal block

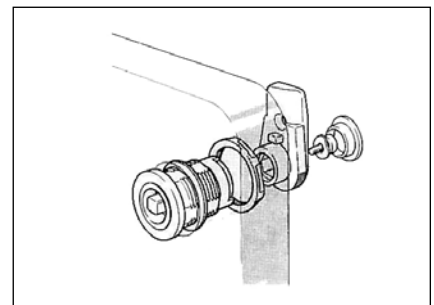
Accessories



External mounting brackets (4 pcs.) stainless steel



Mounting plate, sheet steel galvanized



Lock

General technical data see page 24

Ex Polyester cabinets Polyglas















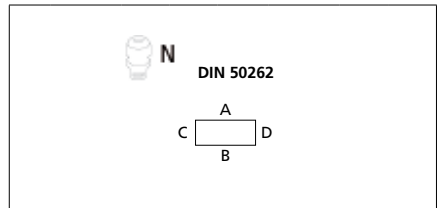
Type: **Ex e 06.20 20 00** **Ex ia 16.20 20 00**  **26.20 20 00**





ATEX



h x w x d 200 x 200 x 168 mm

 **2200 g**

											
l in mm	in mm	N	N								
TS 35											
151	131		•	•	•				•	•	



		1,5	2,5	4	6	10	16	25	35	50	70	95
	**	35	28	24	18	14	12	9	9			
	N	1	1	1	1	1	1	1	1			
	6											
	10	76										
	16	26	50	197								
	20	10	29	57								
	25		14	32	62							
	35			9	24	60						
	50				3	19	50					
	63					6	23	82				
	80						9	26	92			
	100							11	24			
	125								9			
	160											
	200											
	225											
	250											
	315											
400												
500												

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	39	53	7	17,25	39	53
16	25,30	18	25	9	21,85	21	30
20	27,60	13	20	11	25,30	16	23
25	37,95	6	10	13,5	27,60	13	20
32	48,30	5	6	16	31,05	12	16
40	60,95	3	4	21	37,95	6	9
50	69,00	2	2	29	48,30	4	6
63	74,75	1	2	36	60,95	2	4
				42	69,00	1	2
				48	74,75	1	2













** Base: Terminal block Phoenix Contact, further see page 158

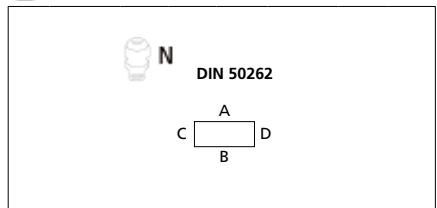
Type: **Ex e 06.20 30 00** **Ex ia 16.20 30 00**  **26.20 30 00**





ATEX



h x w x d 200 x 300 x 168 mm

 **3500 g**

											
l in mm	in mm	N	N								
TS 35											
251	231		•	•	•				•	•	



		1,5	2,5	4	6	10	16	25	35	50	70	95
	**	62	50	42	31	25	21	17	17	13		
	N	1	1	1	1	1	1	1	1	1		
	6											
	10	80										
	16	27	53	208								
	20	11	31	60								
	25		14	34	65							
	35			10	25	64						
	50				3	21	53					
	63					7	24	87				
	80						9	27	97			
	100							11	25			
	125								10	26		
	160									9		
	200											
	225											
	250											
	315											
400												
500												

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	77	53	7	17,25	77	53
16	25,30	38	25	9	21,85	45	30
20	27,60	28	20	11	25,30	35	23
25	37,95	15	10	13,5	27,60	28	20
32	48,30	9	6	16	31,05	24	16
40	60,95	6	4	21	37,95	15	9
50	69,00	4	2	29	48,30	8	6
63	74,75	3	2	36	60,95	6	4
				42	69,00	4	2
				48	74,75	3	2

** Base: Terminal block Phoenix Contact, further see page 158



Ex Polyester cabinets Polyglas

Type: **Ex e 06.30 40 00**

Ex ia 16.30 40 00

26.30 40 00

ATEX

h x w x d 405 x 305 x 202 mm

4800 g

l in mm	in mm	N	N						
TS 35									
365	345		•	•	•			•	•

		1,5	2,5	4	6	10	16	25	35	50	70	95	120	150
	**	172	140	116	88	70	29	24	24	18	14	14	11	11
	N	2	2	2	2	2	1	1	1	1	1	1	1	1
	6													
	10	105												
	16	36	70	272										
	20	15	41	79										
	25		19	45	86									
	35			13	34	84								
	50				5	27	69							
	63					9	32	114						
	80						12	36	128					
	100							15	34					
	125								13	34				
	160									11	30			
	200										10	26	80	
	225										4	15	31	
	250											8	19	40
	315												4	11
400														
500														

** Base: Terminal block Phoenix Contact, further see page 158

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	106	144	7	17,25	106	140
16	25,30	48	65	9	21,85	63	85
20	27,60	40	54	11	25,30	45	63
25	37,95	21	30	13,5	27,60	40	54
32	48,30	12	17	16	31,05	30	42
40	60,95	8	12	21	37,95	21	29
50	69,00	5	7	29	48,30	12	16
63	74,75	4	5	36	60,95	8	11
				42	69,00	5	7
				48	74,75	4	6

Ex Polyester cabinets Polyglas





Type: **Ex e 06.40 60 00**















Ex ia 16.40 60 00





 **26.40 60 00**

ATEX


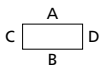

 **605 x 405 x 252 mm**



 **8300 g**

													
l in mm	in mm	N	N										
TS 35													
565	545		•	•	•				•	•			

	1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240
 **	402	324	273	136	110	92	37	37	28	22	22	18	18	10	10
 N	3	3	3	2	2	2	1	1	1	1	1	1	1	1	1
 A	6														
	10	138													
	16	47	91	356											
	20	19	53	103											
	25		25	58	112										
	35			17	44	109									
	50				6	35	90								
	63					12	42	149							
	80						16	47	167						
	100							20	44						
	125							2	18	44					
	160								15	39					
	200									14	34	105			
	225									5	19	41			
	250										10	25	52		
	315											5	15	31	
400													7	21	
500														3	

** Base: Terminal block Phoenix Contact, further see page 158

 N
 DIN 50262
 A
 C  D
 B

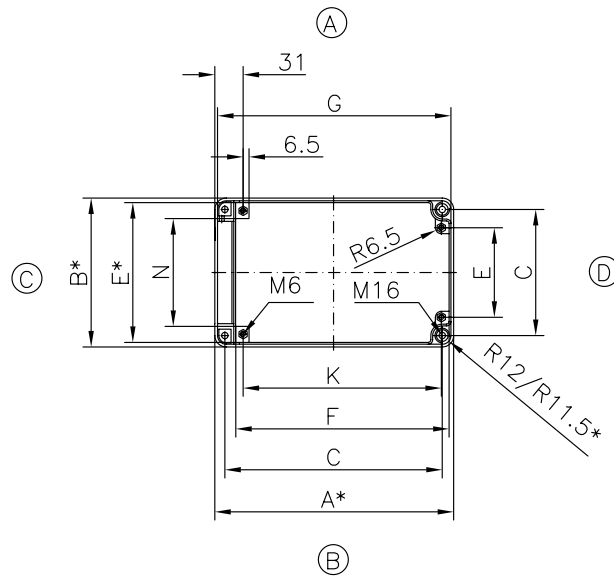
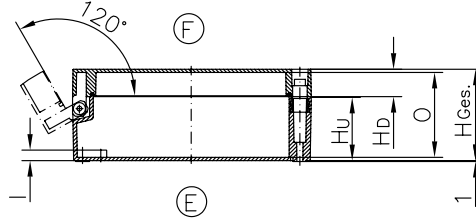
M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	215	256	7	17,25	198	256
16	25,30	102	158	9	21,85	136	208
20	27,60	81	123	11	25,30	102	158
25	37,95	43	65	13,5	27,60	81	123
32	48,30	26	40	16	31,05	63	96
40	60,95	18	27	21	37,95	40	63
50	69,00	11	18	29	48,30	24	36
63	74,75	10	14	36	60,95	17	26
				42	69,00	11	17
				48	74,75	10	14

Ex Polyester cabinets Polyglas



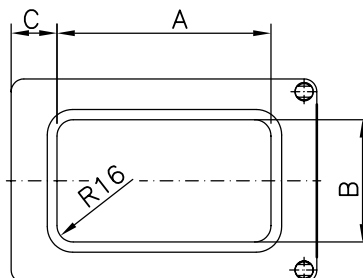
Dimensions

Type	A	B	C	D	E	F	G	I	K	L	M	N	H _U	H _{Ges}
06./16./26.20 20 00	200/197*	200/197*	175	175	190/187*	173	188	8.5	135	170	149	149	138	168
06./16./26.20 30 00	300/297*	200/197*	275	175	190/187*	273	288	8.5	235	170	149	149	138	168



Window

Type	A	B	C
06./16./26.20 20 00	120	120	45
06./16./26.20 30 00	210	120	45

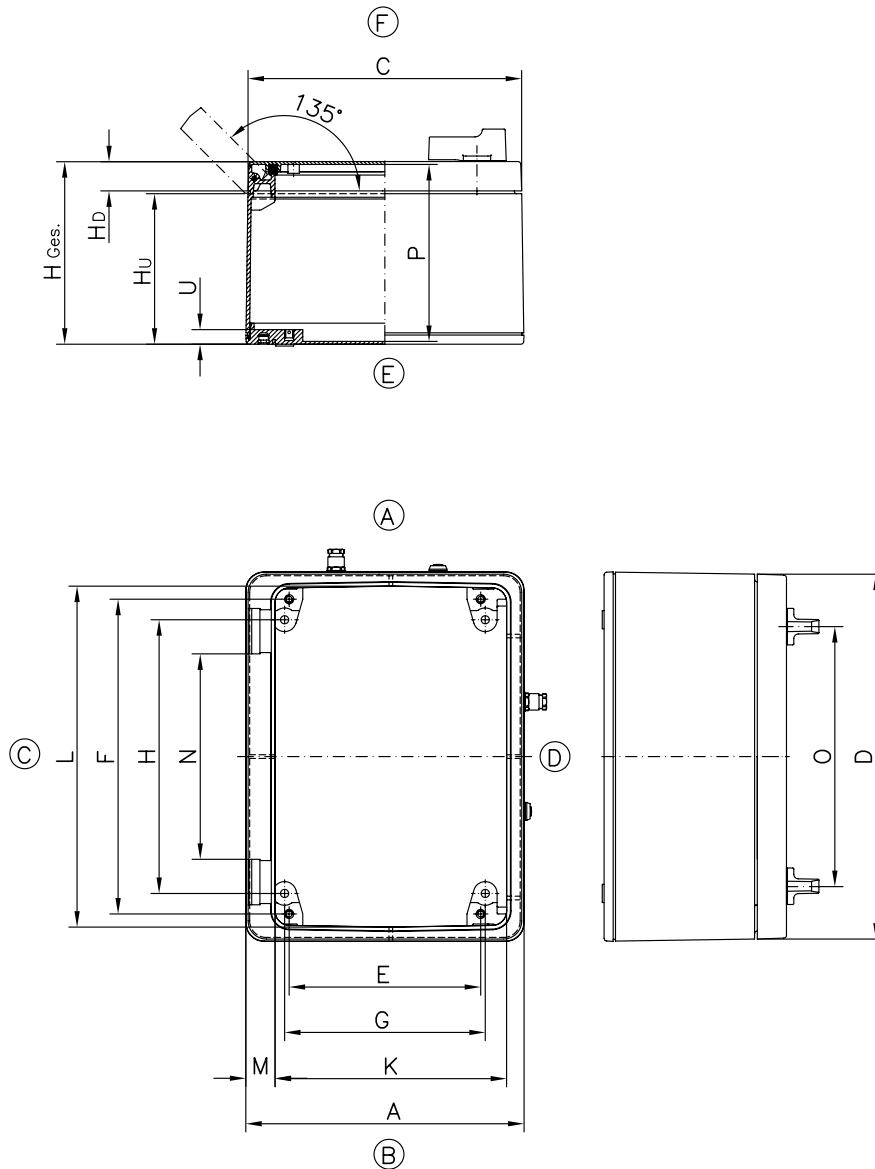


Ex Polyester cabinets Polyglas



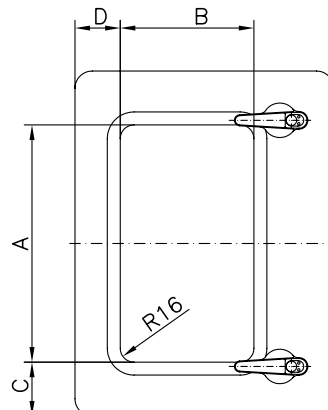
Dimensions

Type	A	B	C	D	E	F	G	H	K	L	M	N	O	P	H _U	H _D	H _{Ges}
06./16./26.30 40 00	305	405	300	400	210	345	220	300	254	374	32	225,2	285	194	167	32	202
06./16./26.40 60 00	405	605	400	600	310	545	320	500	352	573	34	425,2	478	243,5	217	32,5	252



Window

Type	A	B	C	D
06./16./26.30 40 00	272,4	152,4	63,8	53,8
06./16./26.40 60 00	452,4	247,4	73,8	53,8



Ex Polyester enclosures for mining



These enclosures are certified (partition approval) to mining area I M2 and I M1.

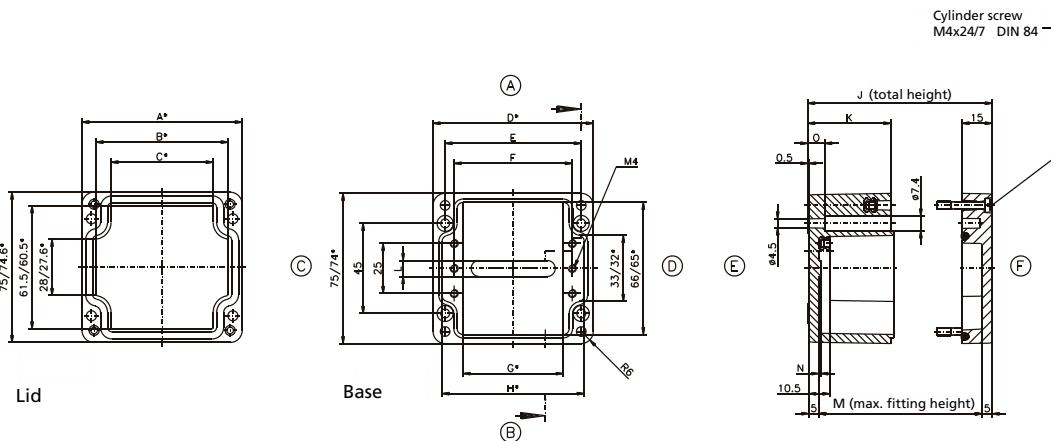
For terminal fitting and cable mounting see

Ex II Polyester Ex enclosures

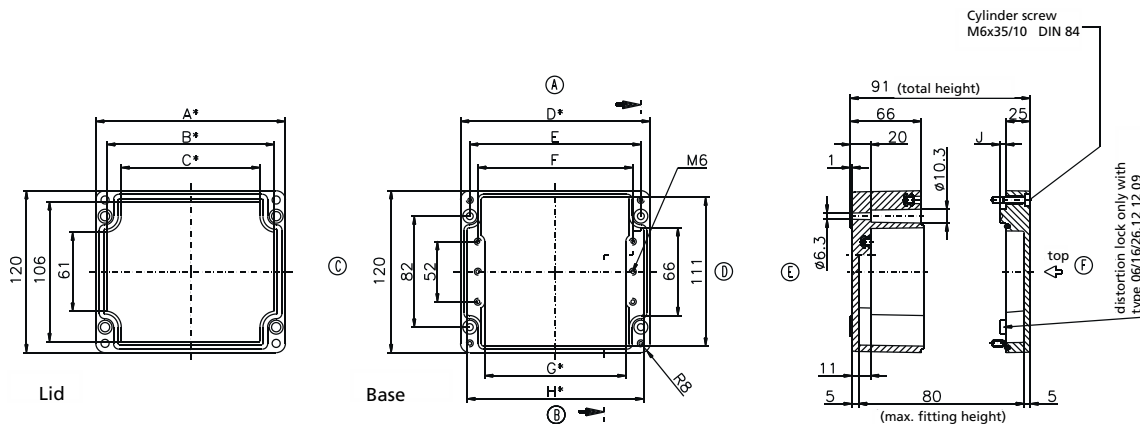
Note: Only use of Ex-I approved cable glands is permitted.

Dimensions

Type	A	B	C	D	E	F	G	H	J	K	L	M	N	O
48.08 08 06	80	66	51	80	68	59	50	71	56,5	41,5	8	46	1	8,5
48.08 08 08	80	66	51	80	68	59	50	71	75,5	60,5		65		9,5
48.08 11 06	110	96	81	110	98	89	80	101	56,5	41,5	8	46	1	8,5
48.08 11 08	110	96	81	110	98	89	80	101	75,5	60,5		65		9,5
48.08 16 06	160	146	131	160	148	139	130	151	56,5	41,5	8	46	1	8,5
48.08 16 08	160	146	131	160	148	139	130	151	75,5	60,5		65		9,5
48.08 19 06	190	176	161	190	178	169	160	181	56,5	41,5		46		8,5
48.08 19 08	190	176	161	190	178	169	160	181	75,5	60,5		65		9,5



Type	A	B	C	D	E	F	G	H	J
48.12 12 09	122	108	85	122	106	95	82	113	5
48.12 22 09	220	206	183	220	204	193	180	211	

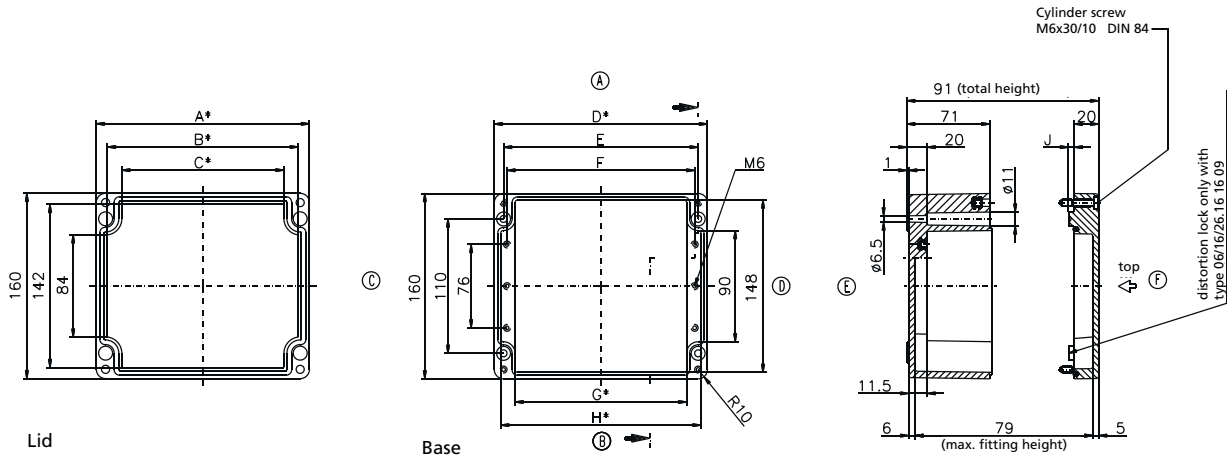


Ex Polyester enclosures for mining

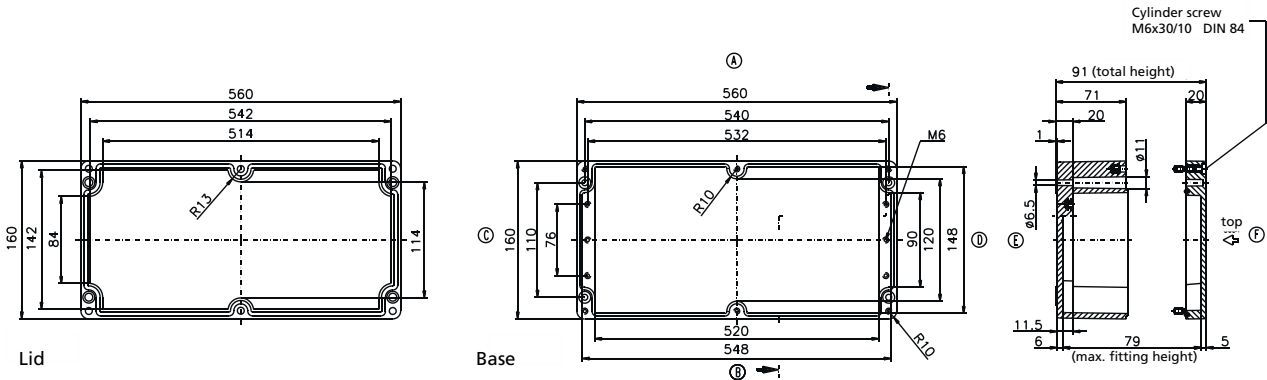


Dimensions

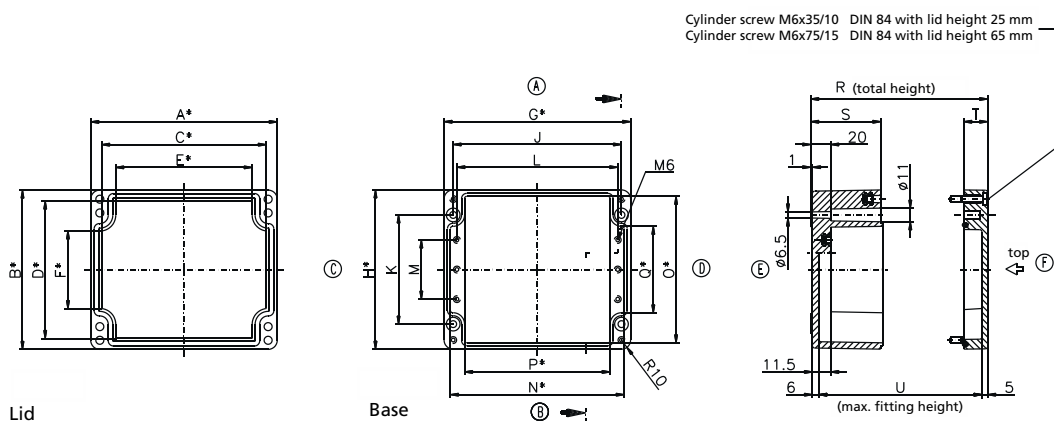
Type	A	B	C	D	E	F	G	H	J
48.16 16 09	160	142	114	160	140	132	120	148	5,5
48.16 26 09	260	242	214	260	240	232	220	248	
48.16 36 09	360	342	314	360	340	332	320	348	



Type: **48.16 56 09**



Type	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	R	S	T	U
48.25 26 12	255	250	237	232	209	174	255	250	235	200	227	100	243	238	215	180	121	96	25	109
48.25 26 16	255	250	237	232	209	174	255	250	235	200	227	100	243	238	215	180	161	96	65	149
48.25 40 12	400	250	382	232	354	174	400	250	380	200	372	100	388	238	360	180	121	96	25	109
48.25 40 16	400	250	382	232	354	174	400	250	380	200	372	100	388	238	360	180	161	96	65	149

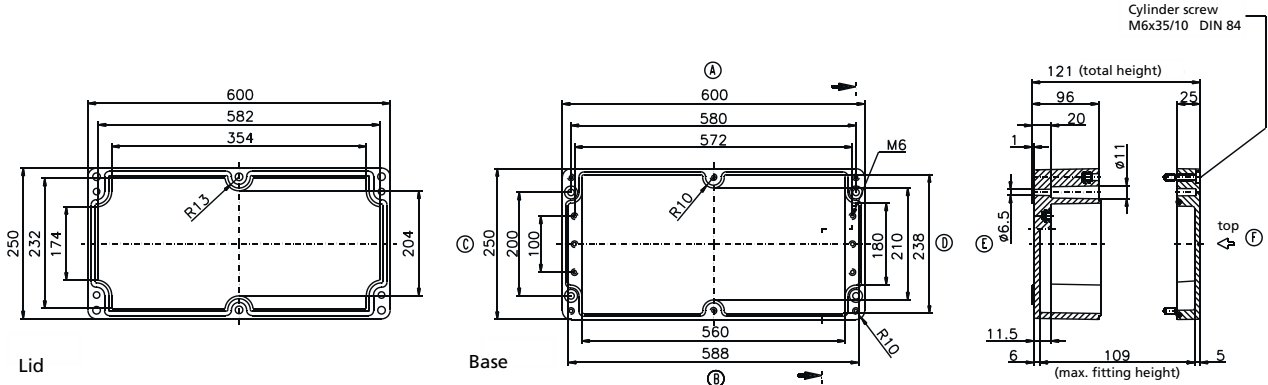


Ex Polyester enclosures for mining

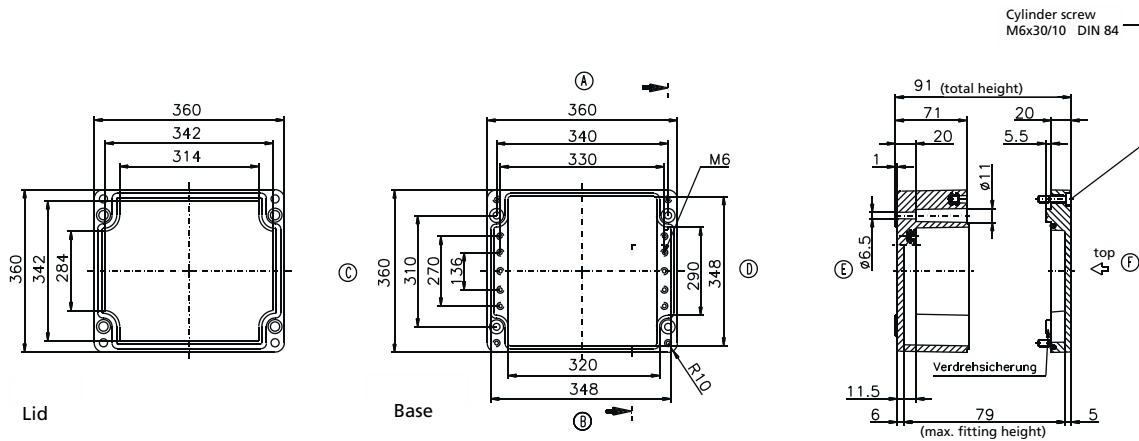


Dimensions

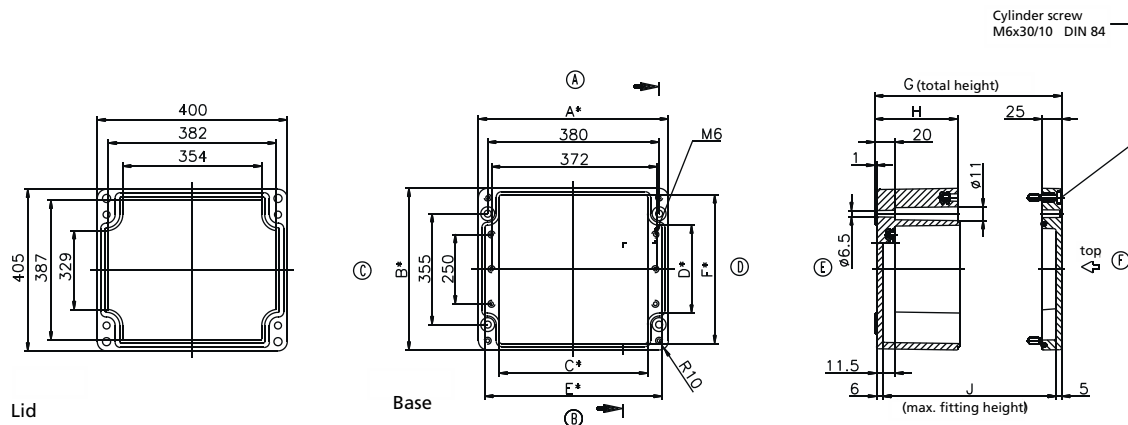
Type: **48.25 60 12**



Type: **48.36 36 09**



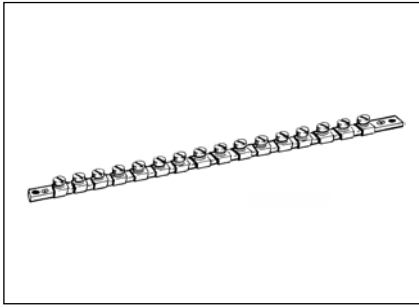
Type	A	B	C	D	E	F	G	H	J
48.41 40 12	400	405	360	335	388	393	121	96	109
48.41 40 20	400	405	360	335	388	393	201	176	189



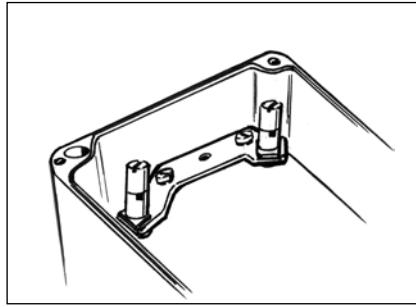
Ex Aluminium enclosures



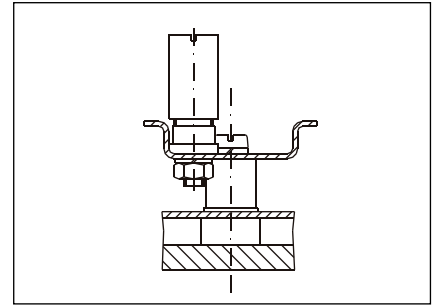
Accessories



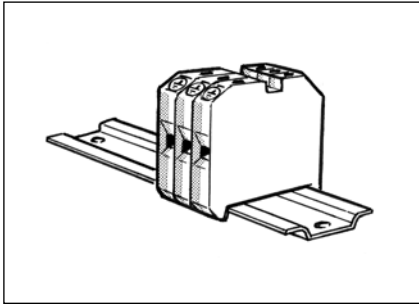
PE bar



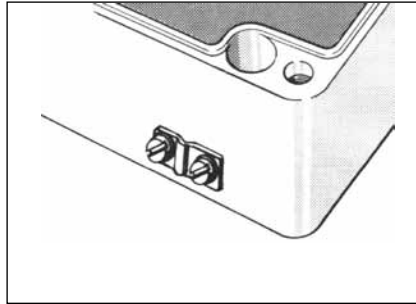
PE bus bar



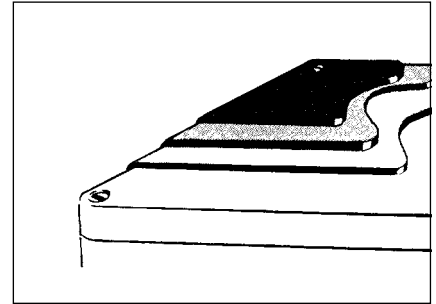
PE connection on DIN rail



PE terminal block

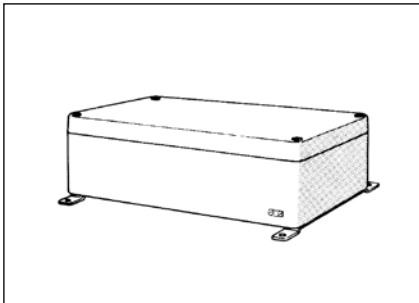


External earth, stainless steel



Optimal corrosion protection

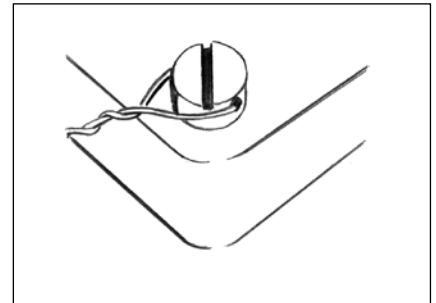
Accessories



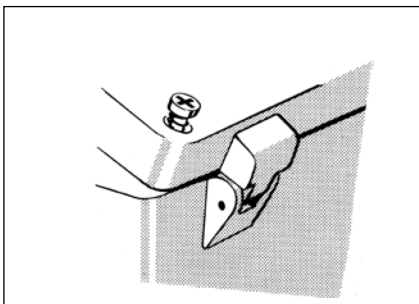
External mounting brackets (4 pcs.), stainless steel



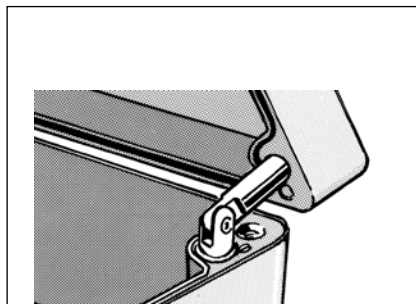
Allen lid screw, stainless steel



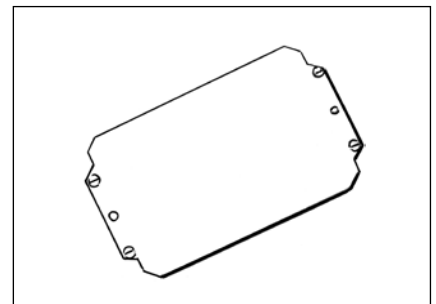
Sealable lid screw, corrosion resistant



External hinges (pair), Aluminium diecast, swivel range 150°
Please specify mounting side



Internal hinges (pair), stainless steel swivel range 95°
Please specify mounting side



Mounting plate, stainless steel galvanised

Ex Aluminium enclosures



Type: **Ex e 05.06 06 03**

Ex ia 15.06 06 03



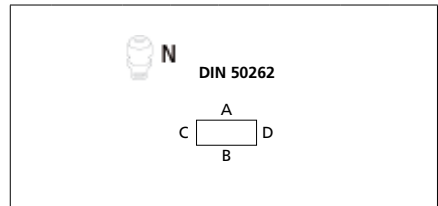
25.06 06 03

ATEX

h x w x d 64 x 58 x 34 mm

160 g

I in mm	in mm	N	N	mm ²							
				2,5	•	•					



	1,5	2,5	4	6	10	16	25	35	50	70	95
	**	3	3								
	I N										
	6										
	10	18									
	16	6	12								
	20	2	7								
	25		3								
	35										
	50										
	63										
	80										
	100										
	125										
	160										
	200										
	225										
	250										
	315										
	400										
500											

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	2	1	7	17,25	2	1
16	25,30			9	21,85	1	1
20	27,60			11	25,30		
25	37,95			13,5	27,60		
32	48,30			16	31,05		
40	60,95			21	37,95		
50	69,00			29	48,30		
63	74,75			36	60,95		
				42	69,00		
				48	74,75		

** Base: Terminal block Phoenix Contact, further see page 167

Type: **Ex e 05.06 10 03**

Ex ia 15.06 10 03



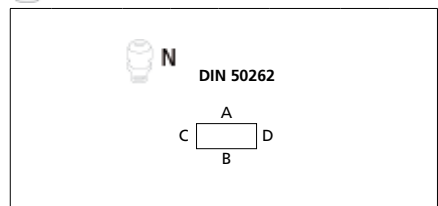
25.06 10 03

ATEX

h x w x d 64 x 98 x 34 mm

220 g

I in mm	in mm	N	N	mm ²							
TS 15											
87,5				2,5	•	•					



	1,5	2,5	4	6	10	16	25	35	50	70	95
	**	6	6								
	I N										
	6										
	10	20									
	16	7	13								
	20	2	7								
	25		3								
	35										
	50										
	63										
	80										
	100										
	125										
	160										
	200										
	225										
	250										
	315										
	400										
500											

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	4	1	7	17,25	4	1
16	25,30			9	21,85	3	1
20	27,60			11	25,30		
25	37,95			13,5	27,60		
32	48,30			16	31,05		
40	60,95			21	37,95		
50	69,00			29	48,30		
63	74,75			36	60,95		
				42	69,00		
				48	74,75		

** Base: Terminal block Phoenix Contact, further see page 167

Ex Aluminium enclosures



Type: **Ex e 05.06 15 03**

Ex ia 15.06 15 03



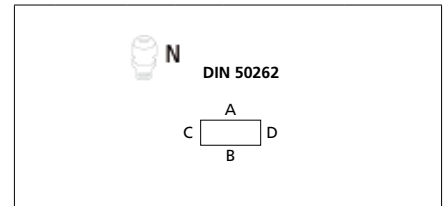
25.06 15 03

ATEX

h x w x d 64 x 150 x 34 mm

360 g

l in mm	in mm	N	N	mm²						
TS 15										
139				2,5	•	•				



	1,5	2,5	4	6	10	16	25	35	50	70	95
	10	10									
UL N											
	6										
	10	20									
	16	7	13								
	20	3	8								
	25		3								
	35										
	50										
	63										
	80										
	100										
	125										
	160										
	200										
	225										
	250										
	315										
400											
500											

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	8	1	7	17,25	8	1
16	25,30			9	21,85	6	1
20	27,60			11	25,30		
25	37,95			13,5	27,60		
32	48,30			16	31,05		
40	60,95			21	37,95		
50	69,00			29	48,30		
63	74,75			36	60,95		
				42	69,00		
				48	74,75		

** Base: Terminal block Phoenix Contact, further see page 167

Type: **Ex e 05.08 08 06**

Ex ia 15.08 08 06



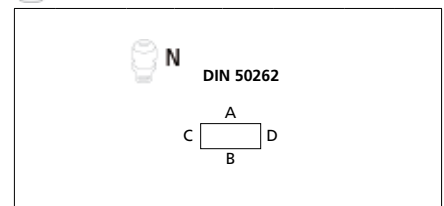
25.08 08 06

ATEX

h x w x d 80 x 75 x 57 mm

300 g

l in mm	in mm	N	N	mm²						
TS 15			2 x 4 mm²							
63	46		2	4	•	•	•			•



	1,5	2,5	4	6	10	16	25	35	50	70	95
	6	6	5								
UL N	1	1	1								
	6										
	10	27									
	16	9	18	70							
	20	3	10	20							
	25		5	11							
	35			3							
	50										
	63										
	80										
	100										
	125										
	160										
	200										
	225										
	250										
	315										
400											
500											

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	3	5	7	17,25	2	5
16	25,30	1	2	9	21,85	1	2
20	27,60	1	2	11	25,30	1	2
25	37,95	1	1	13,5	27,60	1	2
32	48,30			16	31,05	1	1
40	60,95			21	37,95		
50	69,00			29	48,30		
63	74,75			36	60,95		
				42	69,00		
				48	74,75		

** Base: Terminal block Phoenix Contact, further see page 167

Ex Aluminium enclosures



Type: **Ex e 05.08 13 06**

Ex ia 15.08 13 06



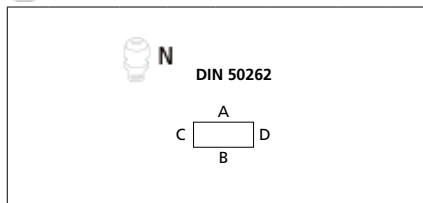
25.08 13 06

ATEX

h x w x d 80 x 125 x 57 mm

475 g

l in mm	in mm	N	N	mm ²						
TS 15			2 x 4 mm ²							
113	85,5		2	4	•	•	•			•



		1,5	2,5	4	6	10	16	25	35	50	70	95
	**	12	12	9								
	N	1	1	1								
	6											
	10	29										
	16	10	19	76								
	20	4	11	22								
	25		5	12								
	35			3								
	50											
	63											
	80											
	100											
	125											
	160											
	200											
	225											
	250											
	315											
400												
500												

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	9	5	7	17,25	8	5
16	25,30	4	2	9	21,85	6	2
20	27,60	3	2	11	25,30	3	2
25	37,95	2	1	13,5	27,60	3	2
32	48,30			16	31,05	2	1
40	60,95			21	37,95	2	
50	69,00			29	48,30		
63	74,75			36	60,95		
				42	69,00		
				48	74,75		

** Base: Terminal block Phoenix Contact, further see page 167

Type: **Ex e 05.08 18 06**

Ex ia 15.08 18 06



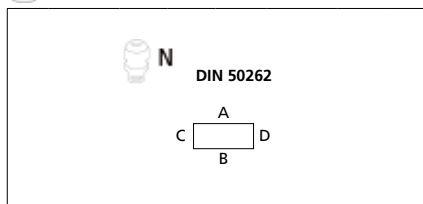
25.08 18 06

ATEX

h x w x d 80 x 175 x 57 mm

550 g

l in mm	in mm	N	N	mm ²						
TS 15			2 x 4 mm ²							
163	135,5		2	4	•	•	•			•



		1,5	2,5	4	6	10	16	25	35	50	70	95
	**	25	25	21								
	N	1	1	1								
	6											
	10	29										
	16	10	19	77								
	20	4	11	22								
	25		5	12								
	35			3								
	50											
	63											
	80											
	100											
	125											
	160											
	200											
	225											
	250											
	315											
400												
500												

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	14	5	7	17,25	14	5
16	25,30	6	2	9	21,85	9	2
20	27,60	5	2	11	25,30	6	2
25	37,95	3	1	13,5	27,60	5	2
32	48,30			16	31,05	4	1
40	60,95			21	37,95	3	
50	69,00			29	48,30		
63	74,75			36	60,95		
				42	69,00		
				48	74,75		

** Base: Terminal block Phoenix Contact, further see page 167

Ex Aluminium enclosures



Type: **Ex e 05.08 25 05**

Ex ia 15.08 25 05



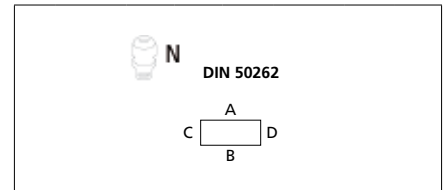
25.08 25 05

ATEX

h x w x d 80 x 250 x 52 mm

9 730 g

l in mm	in mm	N	N	mm ²							
TS 15			2 x 4 mm ²								
238	209,5		2	4	•	•	•				



		1,5	2,5	4	6	10	16	25	35	50	70	95
	**	40	40	33								
	N	1	1	1								
	6											
	10	28										
	16	9	19	73								
	20	4	11	21								
	25		5	12								
	35			3								
	50											
	63											
	80											
	100											
	125											
	160											
	200											
	225											
	250											
	315											
400												
500												

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	23	6	7	17,25	22	6
16	25,30	9	2	9	21,85	15	3
20	27,60	8	2	11	25,30	9	2
25	37,95	5	1	13,5	27,60	8	2
32	48,30			16	31,05	6	1
40	60,95			21	37,95	5	1
50	69,00			29	48,30		
63	74,75			36	60,95		
				42	69,00		
				48	74,75		

** Base: Terminal block Phoenix Contact, further see page 167

Type: **Ex e 05.10 10 08**

Ex ia 15.10 10 08



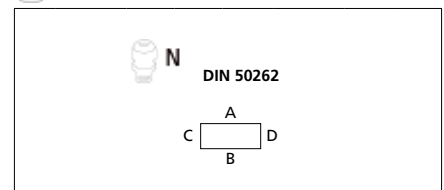
25.10 10 08

ATEX

h x w x d 100 x 100 x 81 mm

9 620 g

l in mm	in mm	N	N	mm ²							
TS 15/35											
87,5	59,5			6	•	•	•	•			



		1,5	2,5	4	6	10	16	25	35	50	70	95
	**	14	11	9	7							
	N	1	1	1	1							
	6											
	10	37										
	16	12	24	95								
	20	5	14	27								
	25		6	15	30							
	35			4	11							
	50											
	63											
	80											
	100											
	125											
	160											
	200											
	225											
	250											
	315											
400												
500												

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	12	9	7	17,25	12	9
16	25,30	6	4	9	21,85	8	5
20	27,60	5	3	11	25,30	5	4
25	37,95	2	1	13,5	27,60	5	3
32	48,30	1	1	16	31,05	4	2
40	60,95			21	37,95	2	1
50	69,00			29	48,30	1	1
63	74,75			36	60,95		
				42	69,00		
				48	74,75		

** Base: Terminal block Phoenix Contact, further see page 167

Ex Aluminium enclosures



Type: **Ex e 05.10 16 08**

Ex ia 15.10 16 08



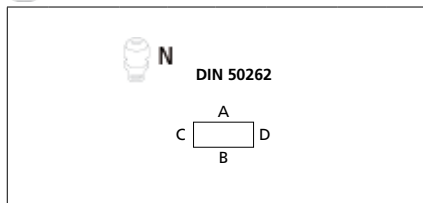
25.10 16 08

ATEX

h x w x d 100 x 160 x 81 mm

1000 g

l in mm	in mm	N	N	mm ²						
TS 15/35										
148	120			6	•	•	•	•		•



		1,5	2,5	4	6	10	16	25	35	50	70	95
	**	28	23	19	14							
	N	1	1	1	1							
	6											
	10	39										
	16	13	26	101								
	20	5	15	29								
	25		7	16	32							
	35			4	12							
	50											
	63											
	80											
	100											
	125											
	160											
	200											
	225											
	250											
	315											
400												
500												

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	24	9	7	17,25	22	8
16	25,30	11	4	9	21,85	17	5
20	27,60	10	3	11	25,30	11	4
25	37,95	4	1	13,5	27,60	10	3
32	48,30	3	1	16	31,05	8	2
40	60,95			21	37,95	4	1
50	69,00			29	48,30	3	1
63	74,75			36	60,95		
				42	69,00		
				48	74,75		

** Base: Terminal block Phoenix Contact, further see page 167

Type: **Ex e 05.10 20 08**

Ex ia 15.10 20 08



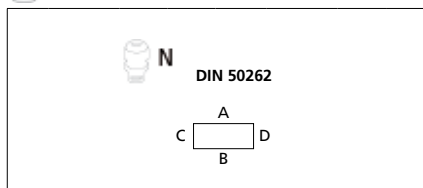
25.10 20 08

ATEX

h x w x d 100 x 200 x 81 mm

970 g

l in mm	in mm	N	N	mm ²						
TS 15/35										
188	160			6	•	•	•	•		•



		1,5	2,5	4	6	10	16	25	35	50	70	95
	**	38	30	25	19							
	N	1	1	1	1							
	6											
	10	39										
	16	13	26	102								
	20	5	15	29								
	25		7	16	32							
	35			5	12							
	50											
	63											
	80											
	100											
	125											
	160											
	200											
	225											
	250											
	315											
400												
500												

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	32	9	7	17,25	30	9
16	25,30	14	4	9	21,85	21	5
20	27,60	12	3	11	25,30	12	4
25	37,95	5	1	13,5	27,60	12	3
32	48,30	3	1	16	31,05	10	2
40	60,95			21	37,95	5	1
50	69,00			29	48,30	3	1
63	74,75			36	60,95		
				42	69,00		
				48	74,75		

** Base: Terminal block Phoenix Contact, further see page 167

Ex Aluminium enclosures



Type: **Ex e 05.12 12 08**

Ex ia 15.12 12 08



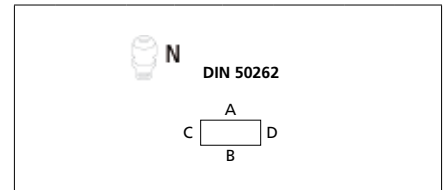
25.12 12 08

ATEX

h x w x d 120 x 122 x 81 mm

940 g

l in mm	in mm	N	N	mm ²							
TS 35			2 x 6 mm ²								
107	65		2	16	•	•	•	•			•



	1,5	2,5	4	6	10	16	25	35	50	70	95
	19	15	13	10	8	6					
ATEX N	1	1	1	1	1	1					
	6										
	10	40									
	16	13	26	103							
	20	5	15	30							
	25		7	17	32						
	35			5	12	31					
	50					10	26				
	63					3	12				
	80						4				
	100										
	125										
	160										
	200										
	225										
	250										
	315										
400											
500											

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	10	11	7	17,25	10	11
16	25,30	5	5	9	21,85	8	6
20	27,60	4	4	11	25,30	5	4
25	37,95	2	2	13,5	27,60	4	3
32	48,30	1	1	16	31,05	3	2
40	60,95			21	37,95	2	2
50	69,00			29	48,30	1	1
63	74,75			36	60,95		
				42	69,00		
				48	74,75		

** Base: Terminal block Phoenix Contact, further see page 167

Type: **Ex e 05.12 12 09**

Ex ia 15.12 12 09



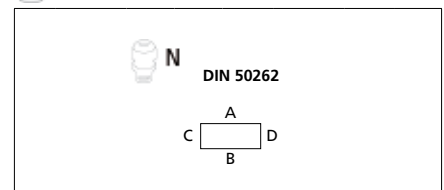
25.12 12 09

ATEX

h x w x d 120 x 122 x 91 mm

960 g

l in mm	in mm	N	N	mm ²							
TS 35			2 x 6 mm ²								
107	65		2	16	•	•	•	•			•



	1,5	2,5	4	6	10	16	25	35	50	70	95
	19	15	13	10	8	6					
ATEX N	1	1	1	1	1	1					
	6										
	10	43									
	16	14	28	110							
	20	6	16	32							
	25		7	18	35						
	35			5	13	34					
	50				2	11	28				
	63					3	13				
	80						5				
	100										
	125										
	160										
	200										
	225										
	250										
	315										
400											
500											

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	10	11	7	17,25	10	11
16	25,30	5	5	9	21,85	8	6
20	27,60	4	4	11	25,30	5	4
25	37,95	2	2	13,5	27,60	4	3
32	48,30	1	1	16	31,05	3	2
40	60,95			21	37,95	2	2
50	69,00			29	48,30	1	1
63	74,75			36	60,95		
				42	69,00		
				48	74,75		

** Base: Terminal block Phoenix Contact, further see page 167


Ex Ex Aluminium enclosures














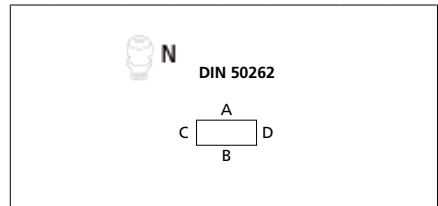
Type: **Ex e 05.12 22 08** **Ex ia 15.12 22 08**  **25.12 22 08**





ATEX



h x w x d 120 x 220 x 81 mm

 **1410 g**


										
l in mm	in mm	N	N	mm ²						
TS 35			2 x 6 mm ²							
205	164,5		2	16	•	•	•	•		•



		1,5	2,5	4	6	10	16	25	35	50	70	95
	**	42	34	29	21	17	14					
	N	1	1	1	1	1	1					
	6											
	10	42										
	16	14	28	111								
	20	6	16	32								
	25		8	18	35							
	35			5	13	34						
	50				2	11	28					
	63					3	13					
	80						5					
	100											
	125											
	160											
	200											
	225											
	250											
	315											
400												
500												

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	30	11	7	17,25	30	11
16	25,30	12	6	9	21,85	20	6
20	27,60	12	4	11	25,30	12	4
25	37,95	5	2	13,5	27,60	12	4
32	48,30	3	1	16	31,05	10	2
40	60,95			21	37,95	5	2
50	69,00			29	48,30	3	1
63	74,75			36	60,95		
				42	69,00		
				48	74,75		












** Base: Terminal block Phoenix Contact, further see page 167

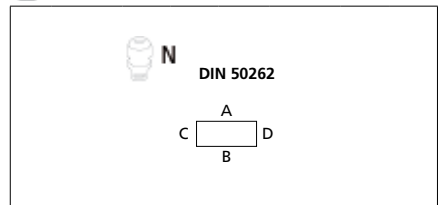
Type: **Ex e 05.12 22 09** **Ex ia 15.12 22 09**  **25.12 22 09**





ATEX



h x w x d 120 x 220 x 91 mm

 **1430 g**

										
l in mm	in mm	N	N	mm ²						
TS 35			2 x 6 mm ²							
205	164,5		2	16	•	•	•	•		•



		1,5	2,5	4	6	10	16	25	35	50	70	95
	**	42	34	29	21	17	14					
	N	1	1	1	1	1	1					
	6											
	10	45										
	16	15	30	118								
	20	6	17	34								
	25		8	19	37							
	35			5	14	36						
	50				2	11	30					
	63					4	14					
	80						5					
	100											
	125											
	160											
	200											
	225											
	250											
	315											
400												
500												

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	34	11	7	17,25	34	11
16	25,30	15	6	9	21,85	24	6
20	27,60	14	4	11	25,30	15	4
25	37,95	6	2	13,5	27,60	14	4
32	48,30	4	1	16	31,05	11	2
40	60,95			21	37,95	6	2
50	69,00			29	48,30	4	1
63	74,75			36	60,95		
				42	69,00		
				48	74,75		

** Base: Terminal block Phoenix Contact, further see page 167

Ex Aluminium enclosures



Type: **Ex e 05.12 36 08**

Ex ia 15.12 36 08



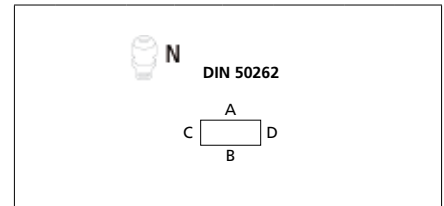
25.12 36 08

ATEX

h x w x d 120 x 360 x 81 mm

1970 g

l in mm	in mm	N	N	mm ²							
TS 35			2 x 6 mm ²								
343	305		2	16	•	•	•	•			•



		1,5	2,5	4	6	10	16	25	35	50	70	95
	**	76	61	51	39	31	26					
	N	1	1	1	1	1	1					
	6											
	10	43										
	16	14	28	112								
	20	6	16	32								
	25		8	18	35							
	35			5	13	34						
	50				2	11	28					
	63					3	13					
	80						5					
	100											
	125											
	160											
	200											
	225											
	250											
	315											
400												
500												

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	58	11	7	17,25	58	11
16	25,30	26	5	9	21,85	41	6
20	27,60	24	4	11	25,30	26	4
25	37,95	10	2	13,5	27,60	24	3
32	48,30	7	1	16	31,05	20	2
40	60,95			21	37,95	10	2
50	69,00			29	48,30	7	1
63	74,75			36	60,95		
				42	69,00		
				48	74,75		

** Base: Terminal block Phoenix Contact, further see page 167

Type: **Ex e 05.14 14 09**

Ex ia 15.14 14 09



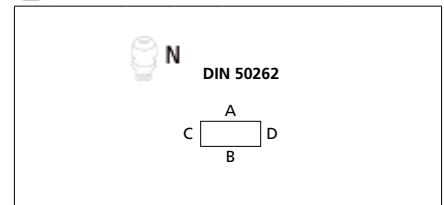
25.14 14 09

ATEX

h x w x d 140 x 140 x 91 mm

1500 g

l in mm	in mm	N	N	mm ²							
TS 35		8 x 6 mm ²									
126	86	1		25	•	•	•	•			•



		1,5	2,5	4	6	10	16	25	35	50	70	95
	**	23	19	16	12	9	8	6				
	N	1	1	1	1	1	1	1				
	6											
	10	45										
	16	15	30	117								
	20	6	17	34								
	25		8	19	37							
	35			5	14	36						
	50				2	11	30					
	63					4	14	49				
	80						5	15				
	100							6				
	125											
	160											
	200											
	225											
	250											
	315											
400												
500												

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	18	12	7	17,25	18	12
16	25,30	8	6	9	21,85	12	6
20	27,60	8	4	11	25,30	8	5
25	37,95	3	2	13,5	27,60	8	4
32	48,30	2	1	16	31,05	6	3
40	60,95			21	37,95	3	2
50	69,00			29	48,30	2	1
63	74,75			36	60,95		
				42	69,00		
				48	74,75		

** Base: Terminal block Phoenix Contact, further see page 167

Ex Aluminium enclosures



Type: **Ex e 05.14 20 09**

Ex ia 15.14 20 09



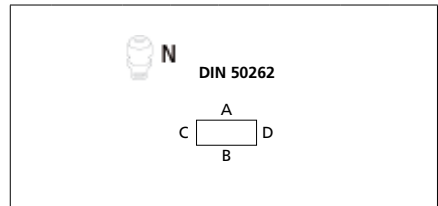
25.14 20 09

ATEX

h x w x d 140 x 200 x 91 mm

2270 g

l in mm	in mm	N	N	mm ²						
TS 35			6 x 6 mm ²							
186	140		2	25	•	•	•	•		•



		1,5	2,5	4	6	10	16	25	35	50	70	95
	**	38	30	25	19	15	13	10				
	N	1	1	1	1	1	1	1				
	6											
	10	48										
	16	16	32	125								
	20	6	18	36								
	25		9	20	39							
	35			6	15	38						
	50				2	12	31					
	63					4	14	52				
	80						5	16				
	100							7				
	125											
	160											
	200											
	225											
	250											
	315											
400												
500												

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	28	12	7	17,25	28	12
16	25,30	12	6	9	21,85	20	6
20	27,60	12	4	11	25,30	12	6
25	37,95	5	2	13,5	27,60	12	4
32	48,30	3	1	16	31,05	10	3
40	60,95			21	37,95	5	2
50	69,00			29	48,30	3	1
63	74,75			36	60,95		
				42	69,00		
				48	74,75		

** Base: Terminal block Phoenix Contact, further see page 167

Type: **Ex e 05.16 16 09**

Ex ia 15.16 16 09



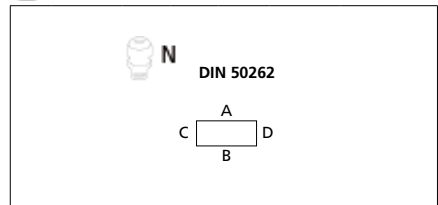
25.16 16 09

ATEX

h x w x d 160 x 160 x 91 mm

1500 g

l in mm	in mm	N	N	mm ²						
TS 35		10 x 6 mm ²								
144	105	1		16	•	•	•	•	•	•



		1,5	2,5	4	6	10	16	25	35	50	70	95
	**	28	23	19	14	11	9	7	7			
	N	1	1	1	1	1	1	1	1			
	6											
	10	48										
	16	16	32	125								
	20	6	18	36								
	25		9	20	39							
	35			6	15	38						
	50				2	12	31					
	63					4	14	52				
	80						5	16	58			
	100							7	15			
	125								6			
	160											
	200											
	225											
	250											
	315											
400												
500												

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	26	16	7	17,25	26	16
16	25,30	12	8	9	21,85	15	11
20	27,60	9	6	11	25,30	12	6
25	37,95	5	3	13,5	27,60	9	6
32	48,30	3	2	16	31,05	8	5
40	60,95	2	1	21	37,95	5	3
50	69,00	2		29	48,30	2	2
63	74,75			36	60,95	2	1
				42	69,00	1	
				48	74,75		

** Base: Terminal block Phoenix Contact, further see page 167

Ex Aluminium enclosures



Type: **Ex e 05.16 26 09**

Ex ia 15.16 26 09



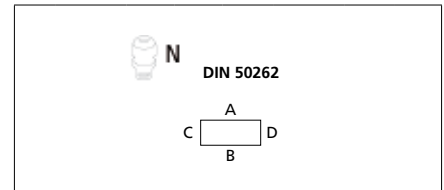
25.16 26 09

ATEX

h x w x d 160 x 260 x 91 mm

2370 g

l in mm	in mm	N	N	mm²							
TS 35		22x6 mm²									
245	205	1		16	•	•	•	•	•	•	•



		1,5	2,5	4	6	10	16	25	35	50	70	95
	**	52	42	35	26	21	18	14	14			
	N	1	1	1	1	1	1	1	1			
	6											
	10	52										
	16	18	34	135								
	20	7	20	39								
	25		9	22	42							
	35			6	16	41						
	50				2	13	34					
	63					4	16	56				
	80						6	17	63			
	100							7	16			
	125								6			
	160											
	200											
	225											
	250											
	315											
	400											
500												

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	50	16	7	17,25	50	16
16	25,30	24	8	9	21,85	30	11
20	27,60	17	6	11	25,30	23	6
25	37,95	10	3	13,5	27,60	17	6
32	48,30	5	2	16	31,05	14	5
40	60,95	3	1	21	37,95	9	3
50	69,00	3		29	48,30	5	2
63	74,75			36	60,95	3	1
				42	69,00	3	
				48	74,75		

** Base: Terminal block Phoenix Contact, further see page 167

Type: **Ex e 05.16 36 09**

Ex ia 15.16 36 09



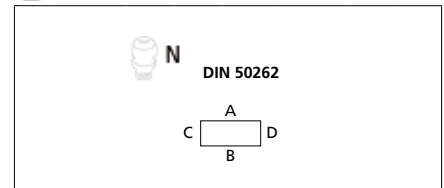
25.16 36 09

ATEX

h x w x d 160 x 360 x 91 mm

2540 g

l in mm	in mm	N	N	mm²							
TS 35		32x6 mm²									
343	305	1		16	•	•	•	•	•	•	•



		1,5	2,5	4	6	10	16	25	35	50	70	95
	**	76	61	51	39	31	26	21	21			
	N	1	1	1	1	1	1	1	1			
	6											
	10	53										
	16	18	35	138								
	20	7	20	40								
	25		9	22	43							
	35			6	17	42						
	50				2	13	35					
	63					4	16	58				
	80						6	18	64			
	100							7	17			
	125								6			
	160											
	200											
	225											
	250											
	315											
	400											
500												

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	72	16	7	17,25	72	16
16	25,30	36	8	9	21,85	42	11
20	27,60	24	6	11	25,30	33	6
25	37,95	15	3	13,5	27,60	24	6
32	48,30	7	2	16	31,05	20	5
40	60,95	5	1	21	37,95	14	3
50	69,00	4		29	48,30	7	2
63	74,75			36	60,95	5	1
				42	69,00	4	
				48	74,75		

** Base: Terminal block Phoenix Contact, further see page 167

Ex Aluminium enclosures



Type: **Ex e 05.16 56 09**

Ex ia 15.16 56 09



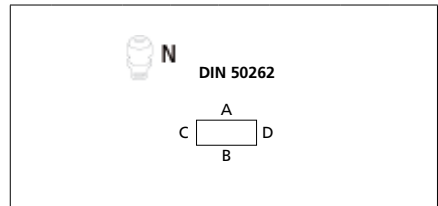
25.16 56 09

ATEX

h x w x d 160 x 560 x 91 mm

4390 g

l in mm	in mm	N	N	mm ²						
TS 35		56x6mm ²								
543	505	1		16	•	•	•	•	•	•



	1,5	2,5	4	6	10	16	25	35	50	70	95
	**	123	100	83	63	50	42	34	34		
N	1	1	1	1	1	1	1	1			
	6										
	10	53									
	16	18	35	138							
	20	7	20	40							
	25		9	22	43						
	35			6	17	42					
	50				2	13	35				
	63					4	16	58			
	80						6	18	64		
	100							7	17		
	125								6		
	160										
	200										
	225										
	250										
	315										
	400										
500											

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	104	16	7	17,25	104	16
16	25,30	58	8	9	21,85	66	11
20	27,60	40	6	11	25,30	58	6
25	37,95	24	3	13,5	27,60	40	6
32	48,30	12	2	16	31,05	32	5
40	60,95	8	1	21	37,95	24	3
50	69,00	6		29	48,30	12	2
63	74,75			36	60,95	8	1
				42	69,00	6	
				48	74,75		

** Base: Terminal block Phoenix Contact, further see page 167

Type: **Ex e 05.18 18 10**

Ex ia 15.18 18 10



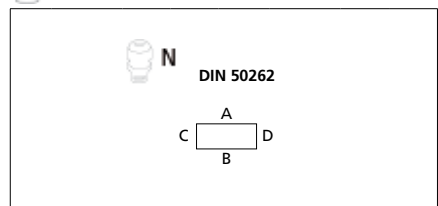
25.18 18 10

ATEX

h x w x d 180 x 180 x 101 mm

2410 g

l in mm	in mm	N	N	mm ²						
TS 35		12x6mm ²								
166	126	1		16	•	•	•	•	•	•



	1,5	2,5	4	6	10	16	25	35	50	70	95
	**	33	26	22	17	13	11	9	9		
N	1	1	1	1	1	1	1	1			
	6										
	10	54									
	16	18	36	139							
	20	7	21	40							
	25		10	23	44						
	35			6	17	43					
	50				2	14	35				
	63					4	16	58			
	80						6	18	65		
	100							7	17		
	125								7		
	160										
	200										
	225										
	250										
	315										
	400										
500											

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	30	20	7	17,25	28	20
16	25,30	15	9	9	21,85	18	14
20	27,60	11	8	11	25,30	15	8
25	37,95	6	3	13,5	27,60	11	8
32	48,30	3	2	16	31,05	8	6
40	60,95	2	2	21	37,95	6	3
50	69,00	2		29	48,30	3	2
63	74,75			36	60,95	2	2
				42	69,00	2	
				48	74,75		

** Base: Terminal block Phoenix Contact, further see page 167

Ex Aluminium enclosures



Type: **Ex e 05.18 28 10**

Ex ia 15.18 28 10



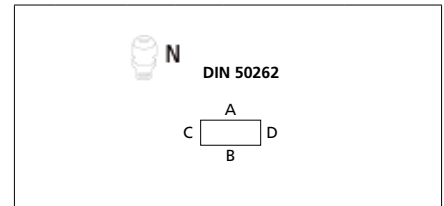
25.18 28 10

ATEX

h x w x d 180 x 280 x 101 mm

2920 g

l in mm	in mm	N	N	mm²							
TS 35		24 x 6 mm²									
264	221,5	1		16	•	•	•	•	•	•	•



	1,5	2,5	4	6	10	16	25	35	50	70	95
	**	57	46	38	29	23	19	15	15		
	N	1	1	1	1	1	1	1	1		
	6										
	10	58									
	16	20	38	150							
	20	8	22	43							
	25		10	24	47						
	35			7	18	46					
	50				2	15	38				
	63					5	17	63			
	80						6	19	70		
	100							8	18		
	125								7		
	160										
	200										
	225										
	250										
	315										
400											
500											

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	52	22	7	17,25	52	22
16	25,30	26	10	9	21,85	33	15
20	27,60	18	8	11	25,30	23	10
25	37,95	11	4	13,5	27,60	18	8
32	48,30	5	2	16	31,05	14	7
40	60,95	4	2	21	37,95	10	4
50	69,00	3		29	48,30	5	2
63	74,75			36	60,95	4	2
				42	69,00	3	
				48	74,75		

** Base: Terminal block Phoenix Contact, further see page 167

Type: **Ex e 05.23 10 11**

Ex ia 15.23 10 11



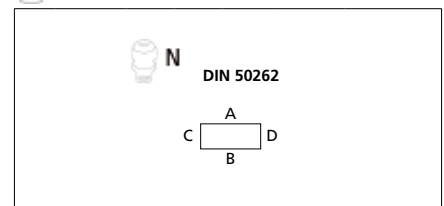
25.23 10 11

ATEX

h x w x d 230 x 100 x 111 mm

1800 g

l in mm	in mm	N	N	mm²							
TS 35			4 x 6 mm²								
214	172		2	6	•	•	•	•	•	•	•




	1,5	2,5	4	6	10	16	25	35	50	70	95
	**	45	36	30	23						
	N	1	1	1	1						
	6										
	10	47									
	16	16	31	123							
	20	6	18	35							
	25		8	20	39						
	35			6	15						
	50				2						
	63										
	80										
	100										
	125										
	160										
	200										
	225										
	250										
	315										
400											
500											

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	15	45	7	17,25	15	45
16	25,30	8	18	9	21,85	10	28
20	27,60	6	17	11	25,30	6	18
25	37,95	3	8	13,5	27,60	6	17
32	48,30	2	5	16	31,05	5	12
40	60,95	1	3	21	37,95	3	8
50	69,00	1	2	29	48,30	1	4
63	74,75		2	36	60,95	1	3
				42	69,00	1	2
				48	74,75	1	2

** Base: Terminal block Phoenix Contact, further see page 167

Ex Aluminium enclosures














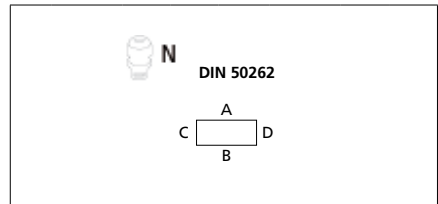
Type: **Ex e 05.23 20 11** **Ex ia 15.23 20 11**  **25.23 20 11**





ATEX



h x w x d 232 x 202 x 111 mm

 **2440 g**


										
l in mm	in mm	N	N	mm ²						
TS 35		16 x 6 mm ²								
186	140	1		16	•	•	•	•	•	•



	1,5	2,5	4	6	10	16	25	35	50	70	95
	**	76	62	52	38	15	13	10	10		
	N	2	2	2	2	1	1	1	1		
	6										
	10	62									
	16	21	41	160							
	20	8	24	46							
	25		11	26	50						
	35			7	19	49					
	50				2	16	40				
	63					5	19	67			
	80						7	21	75		
	100							9	19		
	125								8		
	160										
	200										
	225										
	250										
	315										
400											
500											


M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	45	45	7	17,25	45	45
16	25,30	22	18	9	21,85	28	28
20	27,60	18	17	11	25,30	20	18
25	37,95	8	8	13,5	27,60	18	17
32	48,30	6	5	16	31,05	15	12
40	60,95	3	3	21	37,95	8	8
50	69,00	2	2	29	48,30	5	4
63	74,75	2	2	36	60,95	3	3
				42	69,00	2	2
				48	74,75	2	2












** Base: Terminal block Phoenix Contact, further see page 167

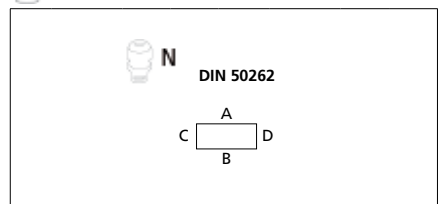
Type: **Ex e 05.23 20 18** **Ex ia 15.23 20 18**  **25.23 20 18**





ATEX



h x w x d 232 x 202 x 181 mm

 **3980 g**

										
l in mm	in mm	N	N	mm ²						
TS 35		16 x 6 mm ²								
186	140	1		35	•	•	•	•	•	•



	1,5	2,5	4	6	10	16	25	35	50	70	95
	**	76	62	52	38	15	13	10	10	8	
	N	2	2	2	2	1	1	1	1	1	
	6										
	10	82									
	16	28	54	211							
	20	11	31	61							
	25		15	34	67						
	35			10	26	65					
	50				3	21	54				
	63					7	25	88			
	80						9	27	99		
	100							12	26		
	125								10	26	
	160									9	
	200										
	225										
	250										
	315										
400											
500											

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	90	81	7	17,25	90	81
16	25,30	42	36	9	21,85	56	49
20	27,60	33	33	11	25,30	42	36
25	37,95	18	16	13,5	27,60	33	33
32	48,30	10	9	16	31,05	25	25
40	60,95	6	6	21	37,95	16	16
50	69,00	5	5	29	48,30	10	9
63	74,75	4	4	36	60,95	6	5
				42	69,00	5	4
				48	74,75	4	4

** Base: Terminal block Phoenix Contact, further see page 167

Ex Aluminium enclosures



Type: **Ex e 05.23 28 11**

Ex ia 15.23 28 11



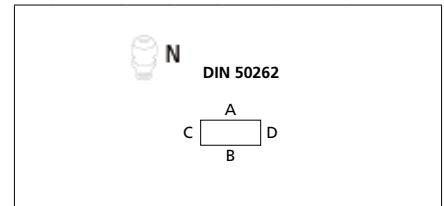
25.23 28 11

ATEX

h x w x d 230 x 280 x 111 mm

2990 g

l in mm	in mm	N	N	mm²							
TS 35		24x6mm²									
264	220	1		16	•	•	•	•	•	•	•



		1,5	2,5	4	6	10	16	25	35	50	70	95
	**	114	92	76	58	46	19	15	15			
	N	2	2	2	2	2	1	1	1			
	6											
	10	67										
	16	23	44	173								
	20	9	26	50								
	25		12	28	54							
	35			8	21	53						
	50				3	17	44					
	63					5	20	72				
	80						7	22	81			
	100							9	21			
	125								8			
	160											
	200											
	225											
	250											
	315											
400												
500												

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	70	45	7	17,25	68	45
16	25,30	32	18	9	21,85	44	28
20	27,60	24	17	11	25,30	32	18
25	37,95	12	8	13,5	27,60	24	17
32	48,30	9	5	16	31,05	21	12
40	60,95	4	3	21	37,95	12	8
50	69,00	3	2	29	48,30	9	4
63	74,75	3	2	36	60,95	4	3
				42	69,00	3	2
				48	74,75	3	2

** Base: Terminal block Phoenix Contact, further see page 167

Type: **Ex e 05.23 33 11**

Ex ia 15.23 33 11



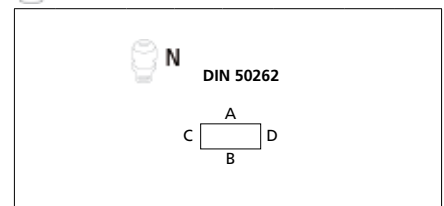
25.23 33 11

ATEX

h x w x d 230 x 330 x 111 mm

4050 g

l in mm	in mm	N	N	mm²							
TS 35		28x6mm²									
314	270	1		16	•	•	•	•	•	•	•



		1,5	2,5	4	6	10	16	25	35	50	70	95
	**	138	110	92	70	56	23	19	19			
	N	2	2	2	2	2	1	1	1			
	6											
	10	69										
	16	23	45	178								
	20	9	26	51								
	25		12	29	56							
	35			8	22	54						
	50				3	18	45					
	63					6	21	74				
	80						8	23	83			
	100							10	22			
	125								9			
	160											
	200											
	225											
	250											
	315											
400												
500												

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	84	45	7	17,25	81	45
16	25,30	42	18	9	21,85	52	28
20	27,60	30	17	11	25,30	38	18
25	37,95	15	8	13,5	27,60	30	17
32	48,30	11	5	16	31,05	27	12
40	60,95	5	3	21	37,95	15	8
50	69,00	4	2	29	48,30	11	4
63	74,75	4	2	36	60,95	5	3
				42	69,00	4	2
				48	74,75	4	2

** Base: Terminal block Phoenix Contact, further see page 167

Ex Aluminium enclosures



Type: **Ex e 05.23 33 18**

Ex ia 15.23 33 18



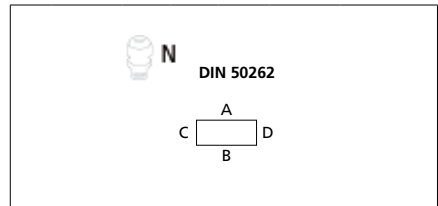
25.23 33 18

ATEX

h x w x d 230 x 330 x 181 mm

5260 g

l in mm	in mm	N	N	mm ²						
TS 35		28 x 6 mm ²								
314	270	1		35	•	•	•	•	•	•



		1,5	2,5	4	6	10	16	25	35	50	70	95
	**	138	110	92	70	56	23	19	19	14		
	N	2	2	2	2	2	1	1	1	1		
	6											
	10	88										
	16	30	59	228								
	20	12	34	66								
	25		16	37	72							
	35			11	28	70						
	50				4	23	58					
	63					7	27	96				
	80						10	30	107			
	100							13	28			
	125								11	28		
	160									10		
	200											
	225											
	250											
	315											
	400											
500												

M		Side		PG		Side		
		A/B	C/D			A/B	C/D	
12		17,25	165	81	7	17,25	144	81
16		25,30	77	36	9	21,85	104	49
20		27,60	60	33	11	25,30	77	36
25		37,95	30	16	13,5	27,60	60	33
32		48,30	18	9	16	31,05	45	25
40		60,95	11	6	21	37,95	30	16
50		69,00	8	5	29	48,30	18	9
63		74,75	8	4	36	60,95	11	5
					42	69,00	8	4
					48	74,75	8	4

** Base: Terminal block Phoenix Contact, further see page 167

Type: **Ex e 05.23 40 11**

Ex ia 15.23 40 11



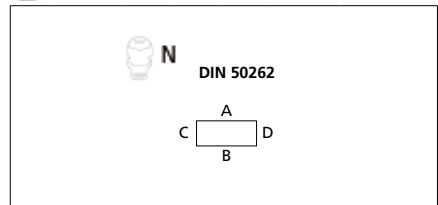
25.23 40 11

ATEX

h x w x d 230 x 400 x 111 mm

3840 g

l in mm	in mm	N	N	mm ²						
TS 35		36 x 6 mm ²								
381	340	1		16	•	•	•	•	•	•



		1,5	2,5	4	6	10	16	25	35	50	70	95
	**	170	138	116	86	70	29	23	23			
	N	2	2	2	2	2	1	1	1			
	6											
	10	70										
	16	24	47	182								
	20	10	27	52								
	25		13	30	57							
	35			8	22	56						
	50				3	18	46					
	63					6	21	76				
	80						8	24	85			
	100							10	22			
	125								9			
	160											
	200											
	225											
	250											
	315											
	400											
500												

M		Side		PG		Side		
		A/B	C/D			A/B	C/D	
12		17,25	103	45	7	17,25	103	45
16		25,30	50	18	9	21,85	64	28
20		27,60	39	17	11	25,30	46	18
25		37,95	20	8	13,5	27,60	39	17
32		48,30	14	5	16	31,05	33	12
40		60,95	6	3	21	37,95	18	8
50		69,00	5	2	29	48,30	13	4
63		74,75	5	2	36	60,95	6	3
					42	69,00	5	2
					48	74,75	5	2

** Base: Terminal block Phoenix Contact, further see page 167

Ex Aluminium enclosures



Type: **Ex e 05.23 40 23**

Ex ia 15.23 40 23



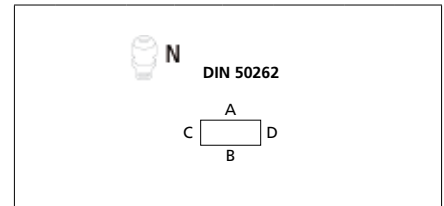
25.23 40 23

ATEX

h x w x d 230 x 400 x 225 mm

6840 g

l in mm	in mm	N	N	mm²							
TS 35		36 x 6 mm²									
381	340	1		35	•	•	•	•	•	•	•



	1,5	2,5	4	6	10	16	25	35	50	70	95
	**	170	138	116	86	70	29	23	23	18	
	N	2	2	2	2	2	1	1	1	1	
	6										
	10	102									
	16	35	67	263							
	20	14	39	76							
	25		18	43	83						
	35			12	32	81					
	50				4	26	67				
	63					9	31	110			
	80						12	34	123		
	100							15	32		
	125								13	33	
	160									11	
	200										
	225										
	250										
	315										
400											
500											

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	240	108	7	17,25	240	108
16	25,30	122	48	9	21,85	160	63
20	27,60	100	44	11	25,30	112	48
25	37,95	54	21	13,5	27,60	100	44
32	48,30	30	13	16	31,05	77	35
40	60,95	18	9	21	37,95	54	21
50	69,00	15	6	29	48,30	30	13
63	74,75	12	5	36	60,95	18	6
				42	69,00	15	6
				48	74,75	12	5

** Base: Terminal block Phoenix Contact, further see page 167

Type: **Ex e 05.23 60 11**

Ex ia 15.23 60 11



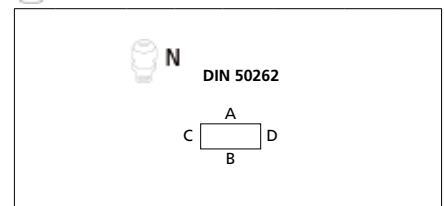
25.23 60 11

ATEX

h x w x d 230 x 600 x 111 mm

6950 g

l in mm	in mm	N	N	mm²							
TS 35		56 x 6 mm²									
581	540	1		16	•	•	•	•	•	•	•



	1,5	2,5	4	6	10	16	25	35	50	70	95
	**	266	214	180	136	54	45	36	36		
	N	2	2	2	2	1	1	1	1		
	6										
	10	72									
	16	24	47	185							
	20	10	28	54							
	25		13	30	58						
	35			9	23	57					
	50				3	18	47				
	63					6	22	78			
	80						8	24	87		
	100							10	23		
	125								9		
	160										
	200										
	225										
	250										
	315										
400											
500											

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	150	43	7	17,25	150	43
16	25,30	72	18	9	21,85	96	28
20	27,60	54	17	11	25,30	68	18
25	37,95	28	8	13,5	27,60	54	15
32	48,30	20	4	16	31,05	28	12
40	60,95	10	3	21	37,95	28	8
50	69,00	8	2	29	48,30	20	4
63	74,75	6	2	36	60,95	10	2
				42	69,00	8	2
				48	74,75	6	2

** Base: Terminal block Phoenix Contact, further see page 167

Ex Aluminium enclosures



Type: **Ex e 05.31 40 11**

Ex ia 15.31 40 11



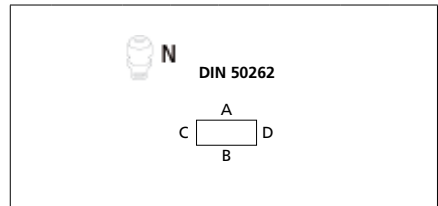
25.31 40 11

ATEX

h x w x d 313 x 404 x 111 mm

5300 g

l in mm	in mm	N	N	mm ²						
TS 35		36 x 6 mm ²								
381	340	2		16	•	•	•	•	•	•



	1,5	2,5	4	6	10	16	25	35	50	70	95
	**	258	210	174	132	70	58	23	23		
	N	3	3	3	2	2	2	1	1		
	6										
	10	81									
	16	27	54	209							
	20	11	31	60							
	25		15	34	66						
	35			10	26	64					
	50				3	21	43				
	63					7	24	87			
	80						9	27	98		
	100							11	26		
	125								10		
	160										
	200										
	225										
	250										
	315										
400											
500											

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12		17,25	105	68	7	17,25	103
16		25,30	50	28	9	21,85	64
20		27,60	39	26	11	25,30	46
25		37,95	20	12	13,5	27,60	39
32		48,30	14	7	16	31,05	33
40		60,95	6	4	21	37,95	18
50		69,00	5	3	29	48,30	13
63		74,75	5	3	36	60,95	6
					42	69,00	5
					48	74,75	5

** Base: Terminal block Phoenix Contact, further see page 167

Type: **Ex e 05.31 40 14**

Ex ia 15.31 40 14



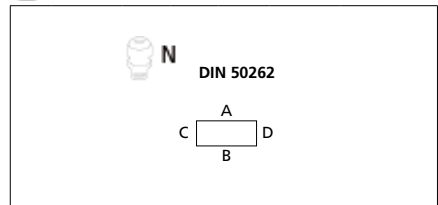
25.31 40 14

ATEX

h x w x d 312 x 403 x 141 mm

7000 g

l in mm	in mm	N	N	mm ²						
TS 35		36 x 6 mm ²								
381	340	2		50	•	•	•	•	•	•



	1,5	2,5	4	6	10	16	25	35	50	70	95
	**	258	207	174	132	70	58	23	23	18	14
	N	3	3	3	2	2	2	1	1	1	1
	6										
	10	89									
	16	30	59	230							
	20	12	34	67							
	25		16	38	73						
	35			11	28	71					
	50				4	23	58				
	63					7	27	97			
	80						10	30	108		
	100							13	28		
	125								11	29	
	160									10	25
	200										9
	225										3
	250										
	315										
400											
500											

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12		17,25	147	95	7	17,25	147
16		25,30	70	43	9	21,85	96
20		27,60	55	32	11	25,30	70
25		37,95	28	18	13,5	27,60	55
32		48,30	17	10	16	31,05	44
40		60,95	12	7	21	37,95	27
50		69,00	7	4	29	48,30	17
63		74,75	6	3	36	60,95	12
					42	69,00	7
					48	74,75	6

** Base: Terminal block Phoenix Contact, further see page 167

Ex Aluminium enclosures



Type: **Ex e 05.31 40 18**

Ex ia 15.31 40 18



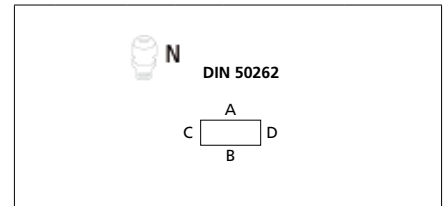
25.31 40 18

ATEX

h x w x d 313 x 404 x 181 mm

9000 g

l in mm	in mm	N	N	mm ²							
TS 35		36 x 6 mm ²									
381	340	2		50	•	•	•	•	•	•	



		1,5	2,5	4	6	10	16	25	35	50	70	95
	**	258	210	174	132	70	58	23	23	18	14	14
	N	3	3	3	2	2	2	1	1	1	1	1
	6											
	10	101										
	16	34	67	260								
	20	14	39	75								
	25		18	43	82							
	35			12	32	80						
	50				4	26	66					
	63					8	31	109				
	80						11	34	122			
	100							14	32			
	125								13	32		
	160									11	28	
	200										10	25
	225										4	14
	250											7
	315											
400												
500												

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	205	122	7	17,25	205	122
16	25,30	98	54	9	21,85	128	77
20	27,60	78	51	11	25,30	98	54
25	37,95	40	24	13,5	27,60	75	48
32	48,30	22	15	16	31,05	60	38
40	60,95	15	9	21	37,95	38	24
50	69,00	11	6	29	48,30	22	15
63	74,75	8	6	36	60,95	14	8
				42	69,00	10	6
				48	74,75	10	6

** Base: Terminal block Phoenix Contact, further see page 167

Type: **Ex e 05.31 40 23**

Ex ia 15.31 40 23



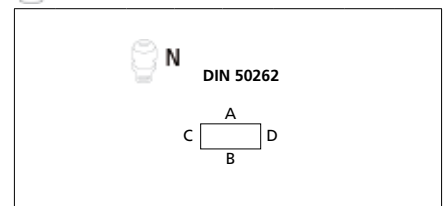
25.31 40 23

ATEX

h x w x d 313 x 404 x 227 mm

9200 g

l in mm	in mm	N	N	mm ²							
TS 35		36 x 6 mm ²									
381	340	2		50	•	•	•	•	•	•	



		1,5	2,5	4	6	10	16	25	35	50	70	95
	**	258	210	174	132	70	58	23	23	18	14	14
	N	3	3	3	2	2	2	1	1	1	1	1
	6											
	10	114										
	16	39	75	294								
	20	16	44	85								
	25		21	48	93							
	35			14	36	90						
	50				5	29	75					
	63					10	35	123				
	80						13	38	138			
	100							16	36			
	125								14	37		
	160									12	32	
	200										11	28
	225										4	16
	250											8
	315											
400												
500												

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	246	162	7	17,25	246	162
16	25,30	126	72	9	21,85	160	99
20	27,60	100	68	11	25,30	112	72
25	37,95	54	33	13,5	27,60	100	64
32	48,30	30	20	16	31,05	77	53
40	60,95	18	12	21	37,95	54	33
50	69,00	15	9	29	48,30	30	20
63	74,75	12	8	36	60,95	18	12
				42	69,00	15	9
				48	74,75	14	8

** Base: Terminal block Phoenix Contact, further see page 167

Ex Aluminium enclosures



Type: **Ex e 05.31 60 11**

Ex ia 15.31 60 11



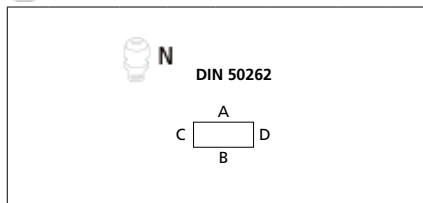
25.31 60 11

ATEX

h x w x d 310 x 600 x 111 mm

9200 g

l in mm	in mm	N	N	mm ²						
TS 35		56 x 6 mm ²								
581	540	2		16	•	•	•	•	•	•



		1,5	2,5	4	6	10	16	25	35	50	70	95
	**	399	321	270	204	108	90	36	36			
	N	3	3	3	2	2	2	1	1			
	6											
	10	85										
	16	29	56	220								
	20	12	33	64								
	25		15	36	69							
	35			10	27	68						
	50				4	22	56					
	63					7	26	92				
	80						10	29	103			
	100								12	27		
	125										11	
	160											
	200											
	225											
	250											
	315											
400												
500												

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	150	68	7	17,25	150	68
16	25,30	76	28	9	21,85	96	42
20	27,60	60	24	11	25,30	72	27
25	37,95	30	12	13,5	27,60	60	24
32	48,30	20	7	16	31,05	48	18
40	60,95	10	4	21	37,95	28	12
50	69,00	8	3	29	48,30	20	6
63	74,75	6	3	36	60,95	10	4
				42	69,00	8	3
				48	74,75	6	3

** Base: Terminal block Phoenix Contact, further see page 167

Type: **Ex e 05.31 60 18**

Ex ia 15.31 60 18



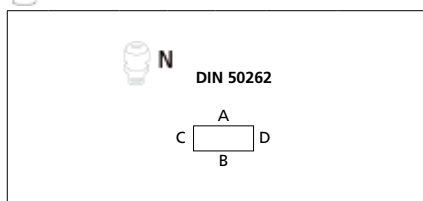
25.31 60 18

ATEX

h x w x d 310 x 600 x 181 mm

12000 g

l in mm	in mm	N	N	mm ²						
TS 35		36 x 6 mm ²								
581	540	2		50	•	•	•	•	•	•



		1,5	2,5	4	6	10	16	25	35	50	70	95	
	**	399	321	270	204	108	90	36	36	28	22	22	
	N	3	3	3	2	2	2	1	1	1	1	1	
	6												
	10	104											
	16	36	69	269									
	20	15	40	78									
	25		19	44	85								
	35			13	33	83							
	50				5	27	68						
	63					9	32	113					
	80						12	35	126				
	100								15	33			
	125										13	34	
	160										11	30	
	200											10	26
	225											4	15
	250												8
	315												
400													
500													

M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	270	122	7	17,25	270	122
16	25,30	140	54	9	21,85	184	74
20	27,60	108	48	11	25,30	134	54
25	37,95	56	24	13,5	27,60	108	48
32	48,30	32	15	16	31,05	84	35
40	60,95	22	9	21	37,95	56	24
50	69,00	16	6	29	48,30	32	15
63	74,75	12	6	36	60,95	22	8
				42	69,00	16	6
				48	74,75	12	6

** Base: Terminal block Phoenix Contact, further see page 167















Ex Aluminium enclosures





Type: **Ex e 05.60 60 20** **Ex ia 15.60 60 20**  **25.60 60 20**

ATEX






h x w x d 600 x 600 x 202 mm



 **26500 g**

											
l in mm	in mm	N	N	mm ²							
TS 35		56 x 6 mm ²									
575	540	3		120							•

		1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240
	**	532	428	360	204	162	135	108	108	56	22	22	18	18	15	15
	N	4	4	4	3	3	3	2	2	1	1	1	1	1	1	1
	6															
	10	142														
	16	49	95	368												
	20	20	55	107												
	25		26	60	116											
	35			18	45	113										
	50				6	37	94									
	63					12	43	154								
	80						16	48	173							
	100							20	45							
	125								2	18	46					
	160									16	41					
	200										14	35	109			
	225											5	20	42		
	250												10	26	54	
	315													5	15	32
400															7	22
500																3

** Base: Terminal block Phoenix Contact, further see page 167

 **N**
DIN 50262
 **A**
 **C**  **D**
 **B**

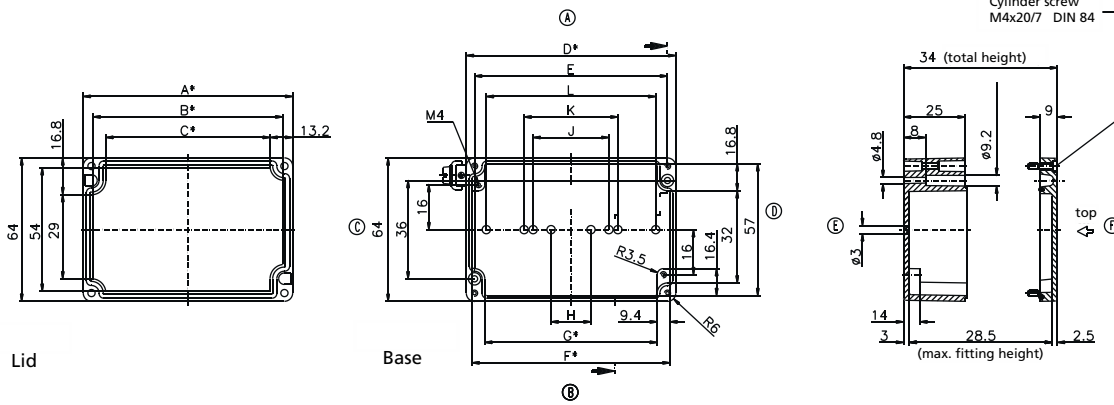
M		Side		PG		Side	
		A/B	C/D			A/B	C/D
12	17,25	270	270	7	17,25	270	270
16	25,30	140	140	9	21,85	184	184
20	27,60	108	108	11	25,30	134	134
25	37,95	56	56	13,5	27,60	108	108
32	48,30	32	32	16	31,05	84	84
40	60,95	22	22	21	37,95	56	56
50	69,00	16	16	29	48,30	32	32
63	74,75	12	12	36	60,95	18	18
				42	69,00	12	12
				48	74,75	12	12

Ex Aluminium enclosures

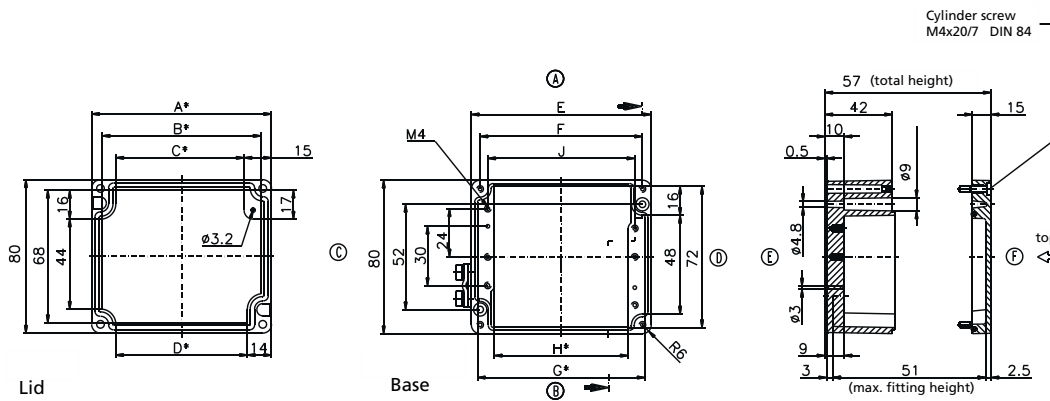


Dimensions

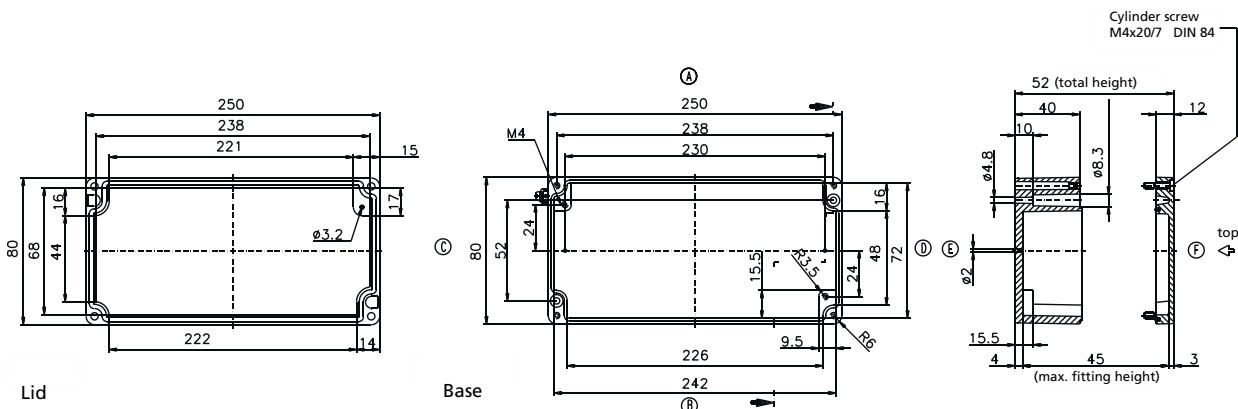
Type	A	B	C	D	E	F	G	H	J	K	L
05/15/25.06 06 03	58	48	31	58	46	51	34	18	26,5		
05/15/25.06 10 03	98	88	71	98	86	91	74	18	32	37,8	78
05/15/25.06 15 03	150	140	123	150	138	143	126	72,5	85,3	102,6	130



Type	A	B	C	D	E	F	G	H	J
05/15/25.08 08 06	75	63	46	47	75	63	67	47	56
05/15/25.08 13 06	125	113	96	97	125	113	117	97	106
05/15/25.08 18 06	175	163	146	147	175	163	167	147	156



Type: **05/15/25.08 25 05**



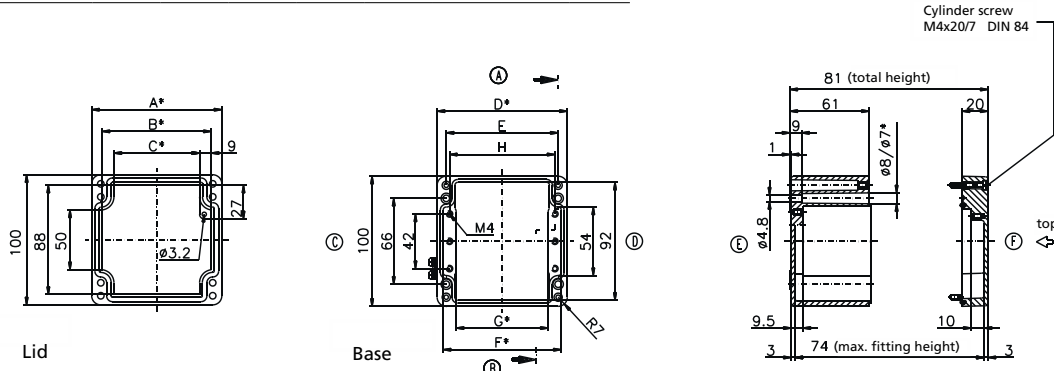
Download detail drawings: www.rose-ex-enclosures.com



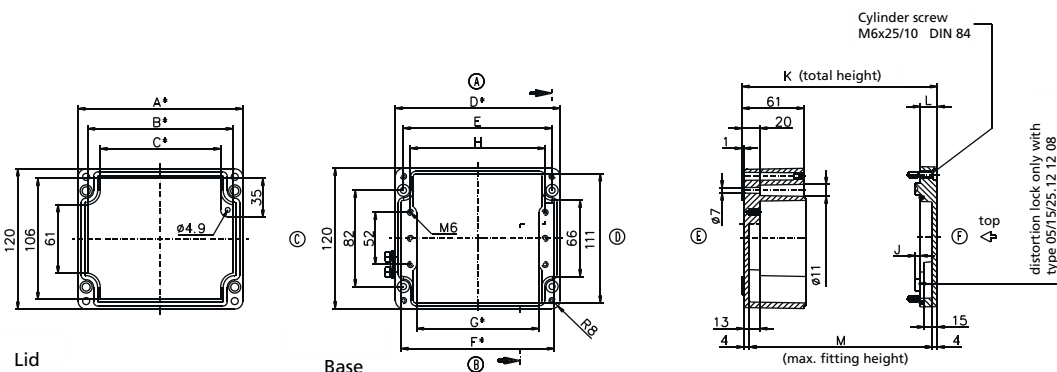
Ex Aluminium enclosures

Dimensions

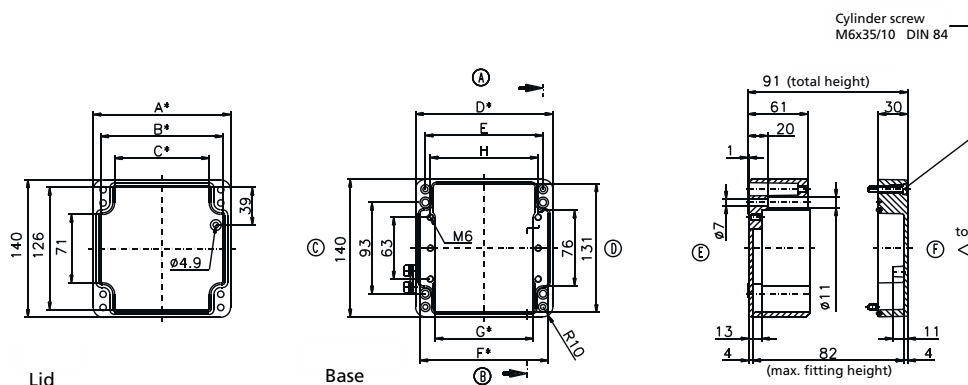
Type	A	B	C	D	E	F	G	H
05/15/25.10 10 08	100	88	70	100	86	92	71	80
05/15/25.10 16 08	160	148	130	160	146	152	131	140
05/15/25.10 20 08	200	188	170	200	186	192	171	180



Type	A	B	C	D	E	F	G	H	J	K	L	M
05/15/25.12 12 08	122	108	85	122	106	113	85	95	5,5	81	20	72
05/15/25.12 12 09	122	108	85	122	106	113	85	95		91	30	82
05/15/25.12 22 08	220	206	183	220	204	211	183	193		81	20	72
05/15/25.12 22 09	220	206	183	220	204	211	183	193		91	30	82
05/15/25.12 36 08	360	346	323	360	344	351	323	333		81	20	72



Type	A	B	C	D	E	F	G	H
05/15/25.14 14 09	140	126	98	140	120	131	100	110
05/15/25.14 20 09	200	186	158	200	180	191	160	170

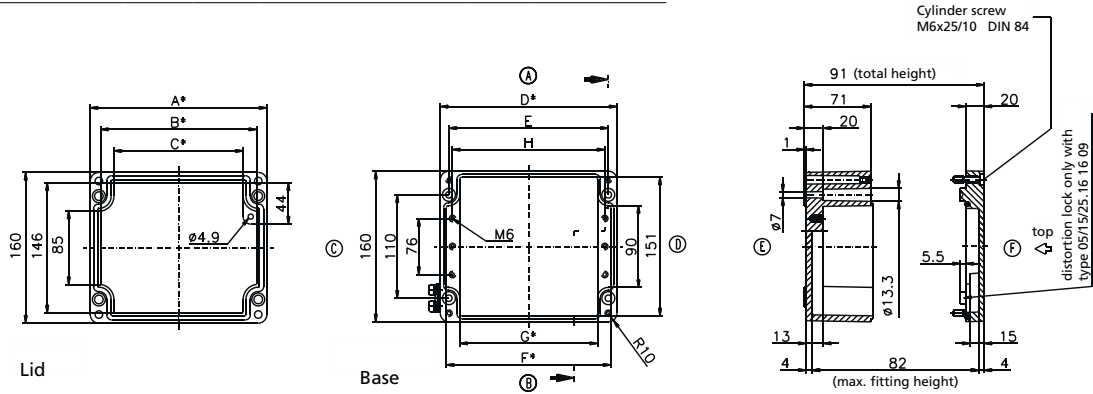


Ex Aluminium enclosures

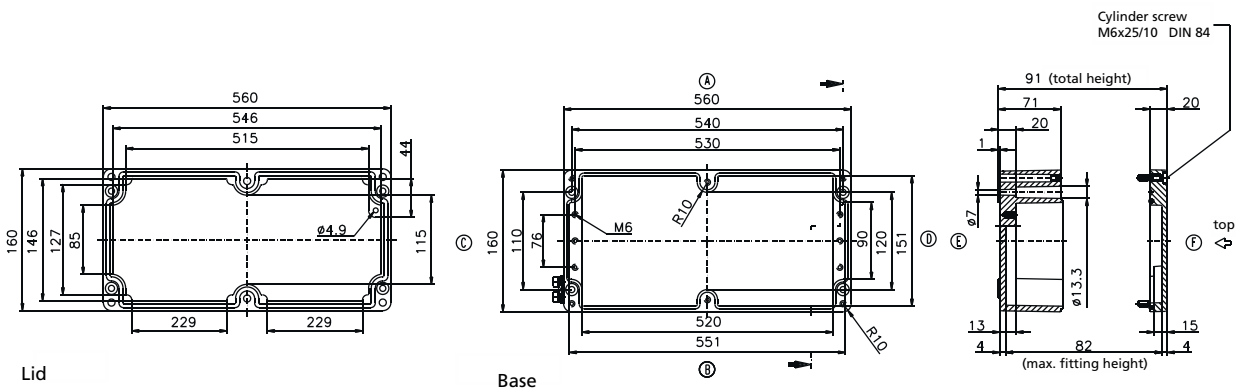


Dimensions

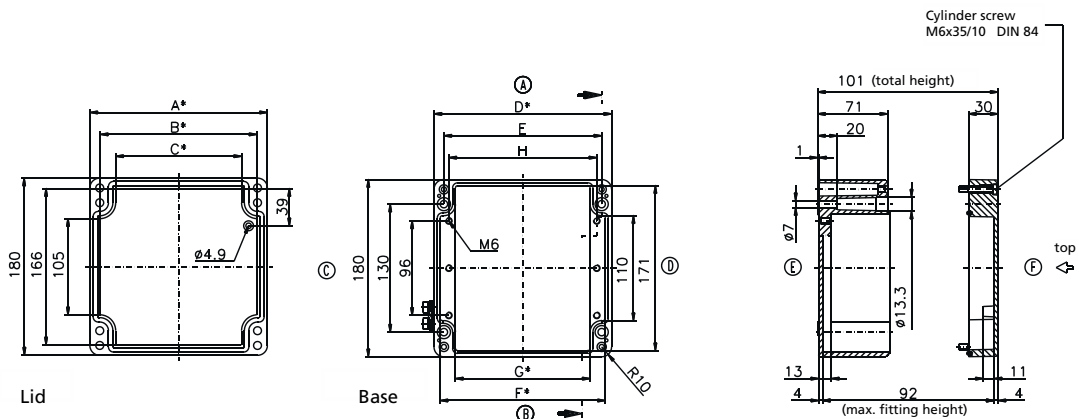
Type	A	B	C	D	E	F	G	H
05/15/25.16 16 09	160	146	115	160	140	151	120	130
05/15/25.16 26 09	260	246	215	260	240	251	220	230
05/15/25.16 36 09	360	346	315	360	340	351	320	330



Type: **05/15/25.16 56 09**



Type	A	B	C	D	E	F	G	H
05/15/25.18 18 10	180	166	135	180	160	171	140	150
05/15/25.18 28 10	280	266	235	280	260	271	240	250

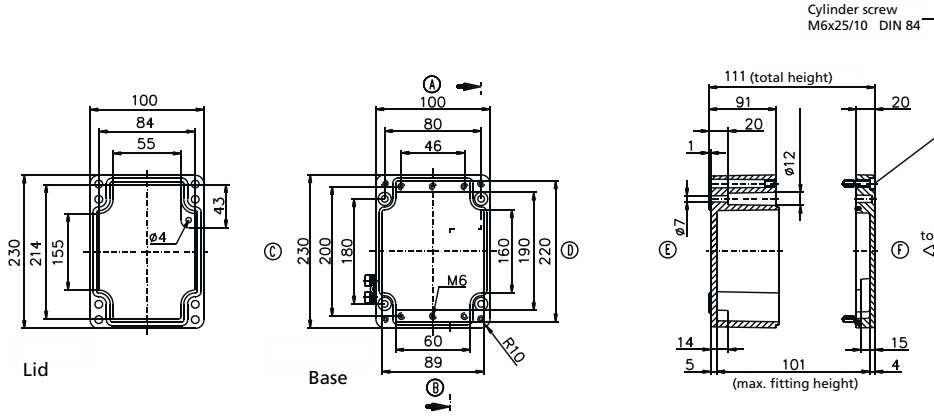


Ex Aluminium enclosures



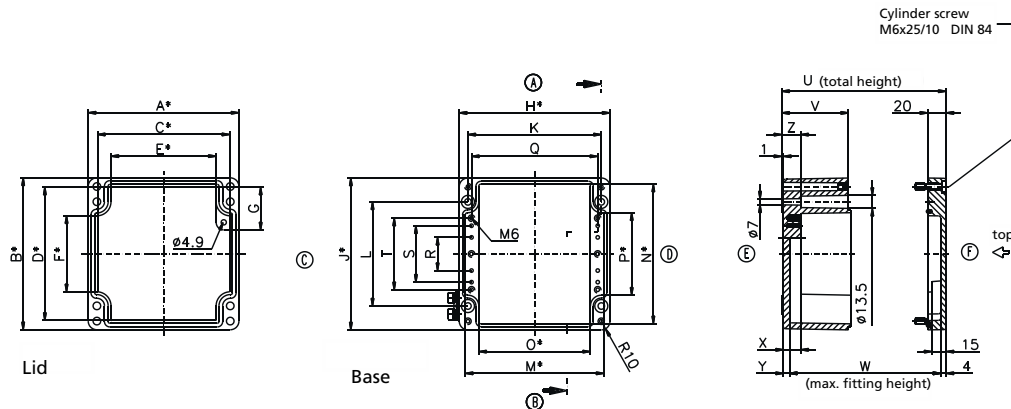
Dimensions

Type: **05/15/25.23 10 11**



Type	A	B	C	D	E	F	G	H	J	K	L	M
05/15/25.23 20 11	202	232	187	217	155	155	44	202	232	180	180	192
05/15/25.23 20 18	202	232	187	217	155	155	44	202	232	180	180	192
05/15/25.23 28 11	280	230	266	216	235	155	45	280	230	260	180	271
05/15/25.23 33 11	330	230	315	215	284	154	44	330	230	310	180	320
05/15/25.23 33 18	330	230	315	215	284	154	44	330	230	310	180	320
05/15/25.23 40 11	400	230	384	214	354	154	44	400	230	380	180	390
05/15/25.23 40 23	400	230	384	214	354	154	44	400	230	380	180	389

Type	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
05/15/25.23 20 11	222	160	160	170	80	120	144	111	91	102	13	4	20
05/15/25.23 20 18	222	160	160	170	80		144	181	160	170	14	5	19
05/15/25.23 28 11	221	240	160	250	80	120	144	111	91	102	13	4	20
05/15/25.23 33 11	220	289	159	300	80	120	144	111	91	102	13	4	20
05/15/25.23 33 18	220	289	159	300	80		144	181	161	170	15	6	20
05/15/25.23 40 11	220	360	160	370	80	120	144	111	91	102	13	4	20
05/15/25.23 40 23	219	359	159	370	80	120	144	225	205	214	14	5	20

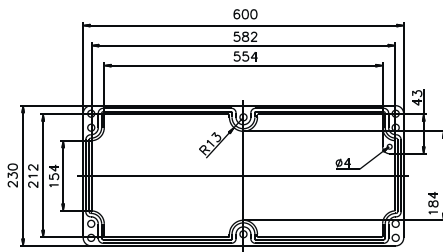


Ex Aluminium enclosures

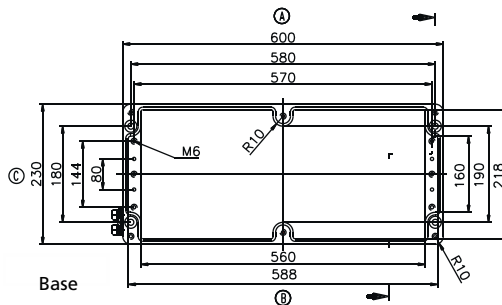


Dimensions

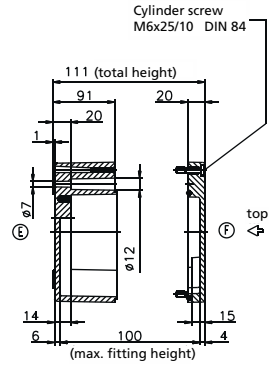
Type: **05/15/25.23 60 11**



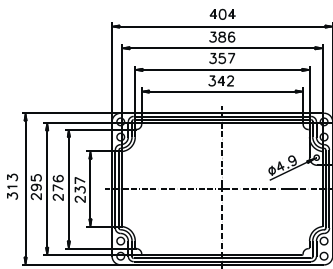
Lid



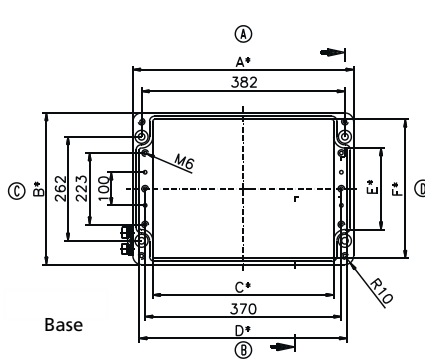
Base



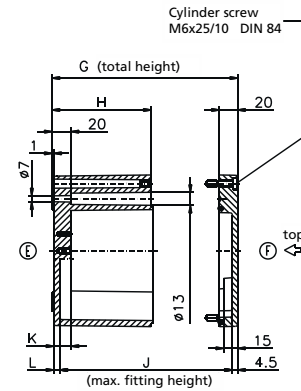
Type	A	B	C	D	E	F	G	H	J	K	L
05/15/25.31 40 11	404	313	362	394	242	303	111	91	101	13	4
05/15/25.31 40 14	403	312	362	391	242	300	141	121	129	14	6
05/15/25.31 40 18	404	313	362	394	242	303	181	161	169	14	6
05/15/25.31 40 23	404	313	363	391	243	300	227	207	216	14	5



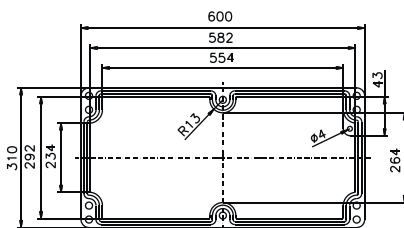
Lid



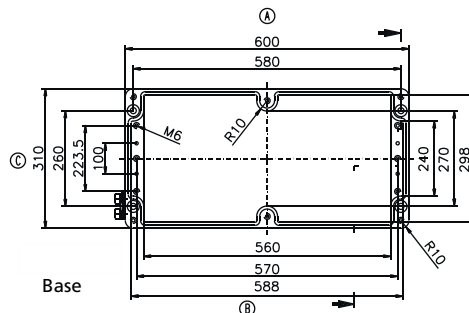
Base



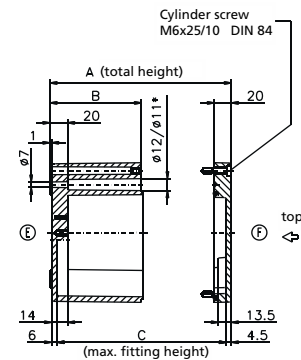
Type	A	B	C
05/15/25.31 60 11	111	91	99
05/15/25.31 60 18	181	161	169



Lid



Base

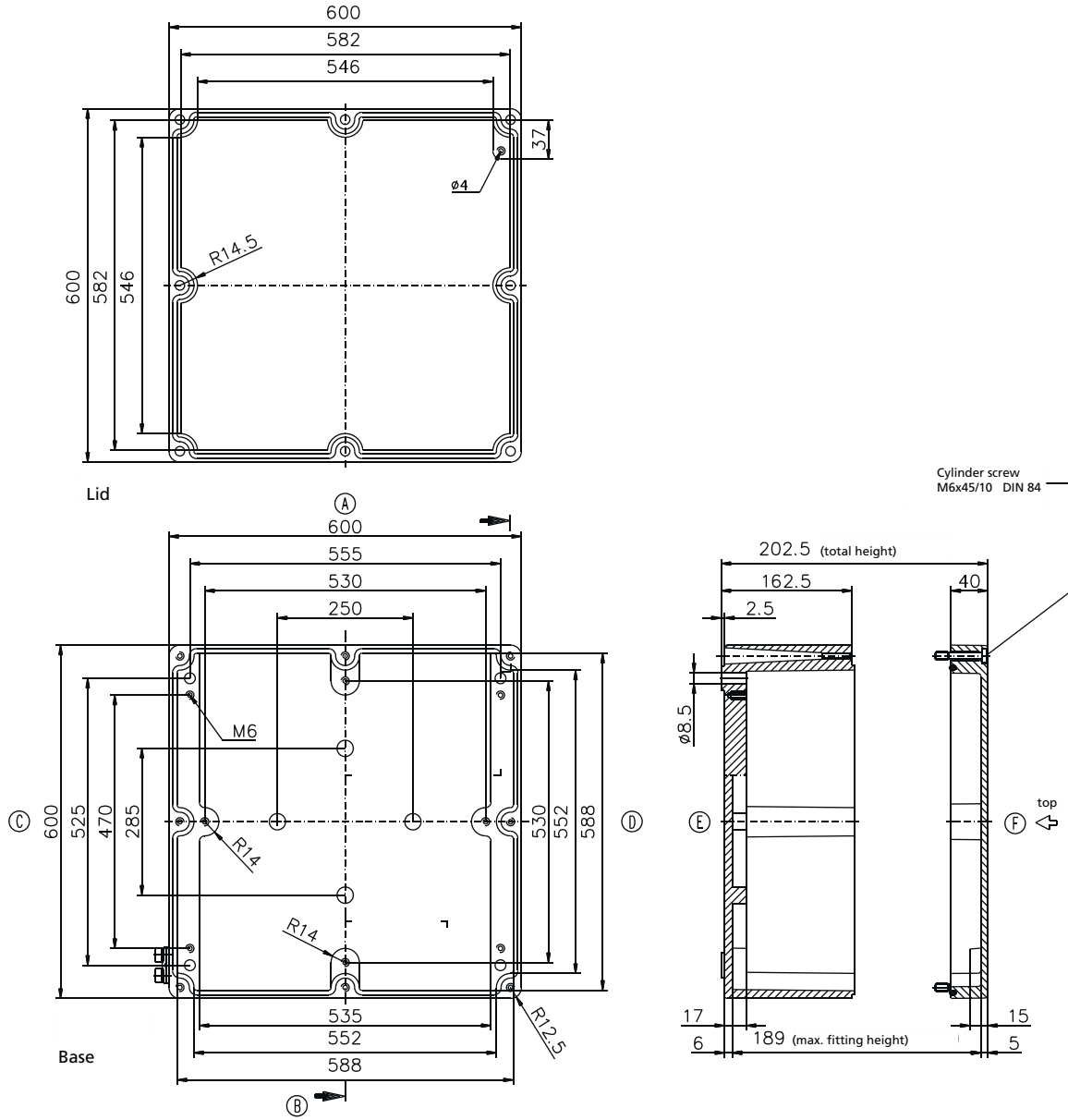


Ex Aluminium enclosures



Dimensions

Type: **05/15/25.60 60 20**



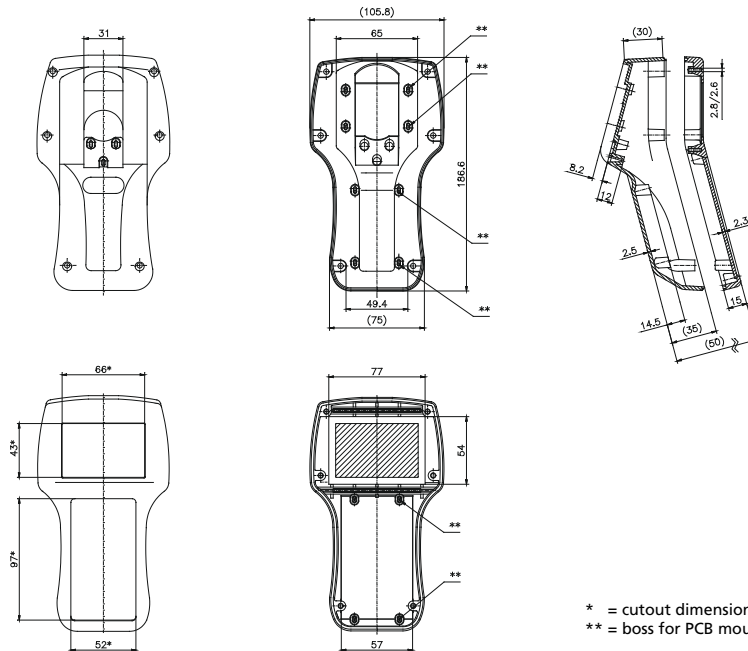
Ex Polyamide Handheld enclosures Beluga



Dimensions

Type	Version	Order No
Beluga 180 O-Ex	open area	28.02 02 00
Beluga 180 G-Ex	closed area	28.02 02 01

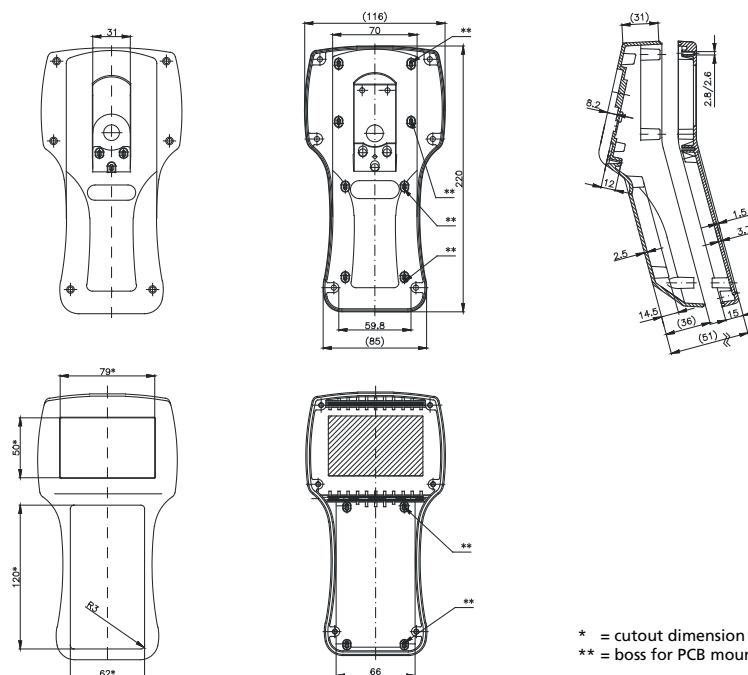
(max. PCB dimension of display 74 x 56,4 mm or 80 x 54 mm)



* = cutout dimension
** = boss for PCB mounting (screw 3 x 8)

Type	Version	Order No.
Beluga 220 O-Ex	open area	28.02 04 00
Beluga 220 G-Ex	closed area	28.02 04 01

(max. PCB dimension of display 84 x 71,5 mm or 86 x 70,5 mm)



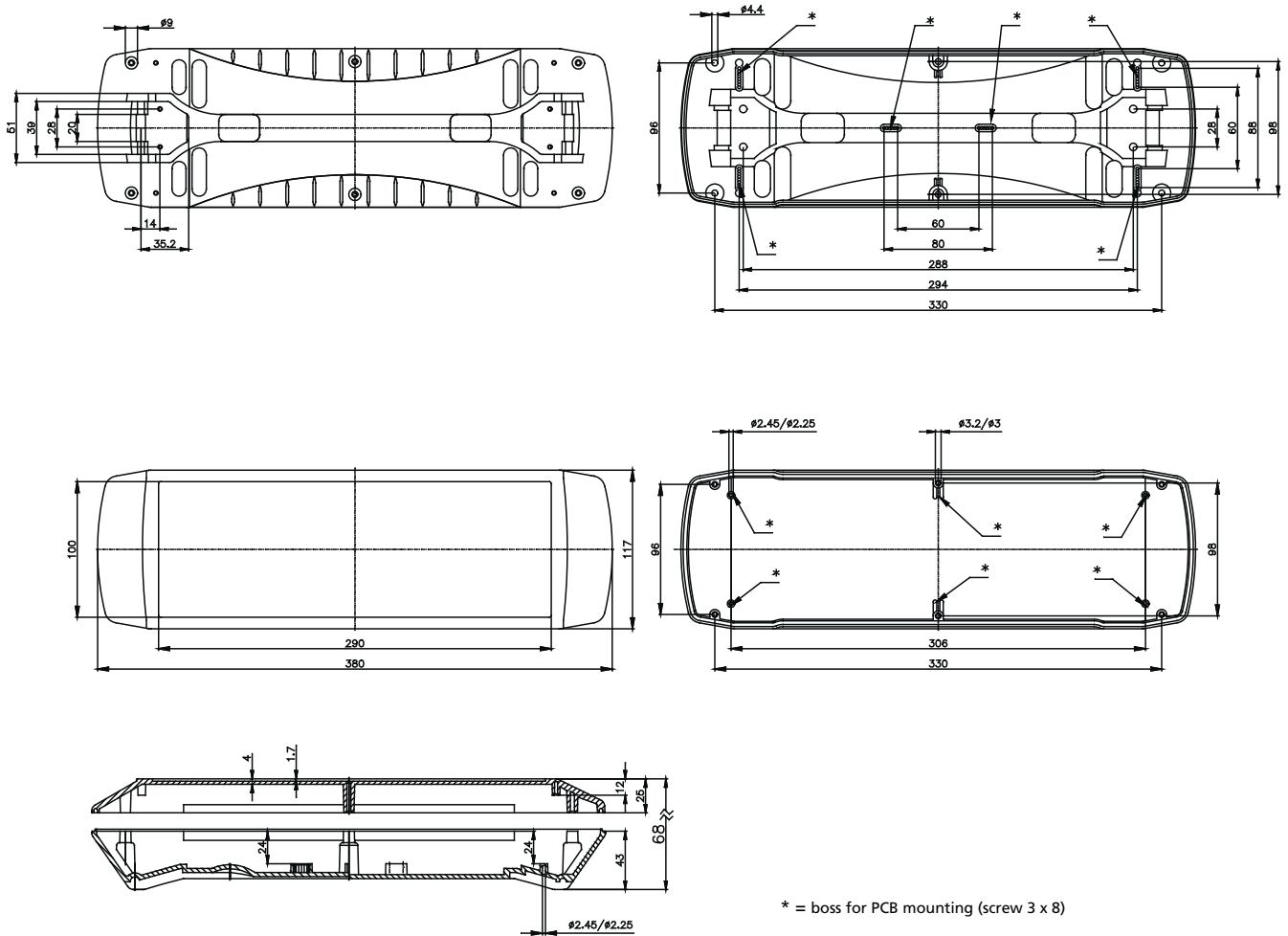
* = cutout dimension
** = boss for PCB mounting (screw 3 x 8)

Ex Polyamide Handheld enclosure Beluga

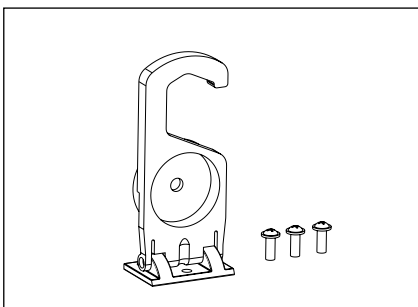


Dimensions

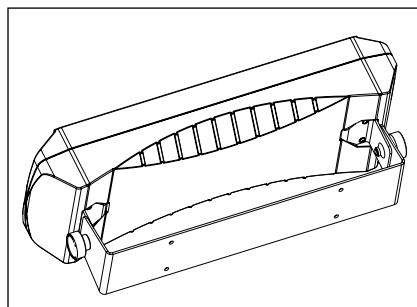
Type	Order No.
Beluga 380 Ex	28.02 05 01



Accessories



Hook set



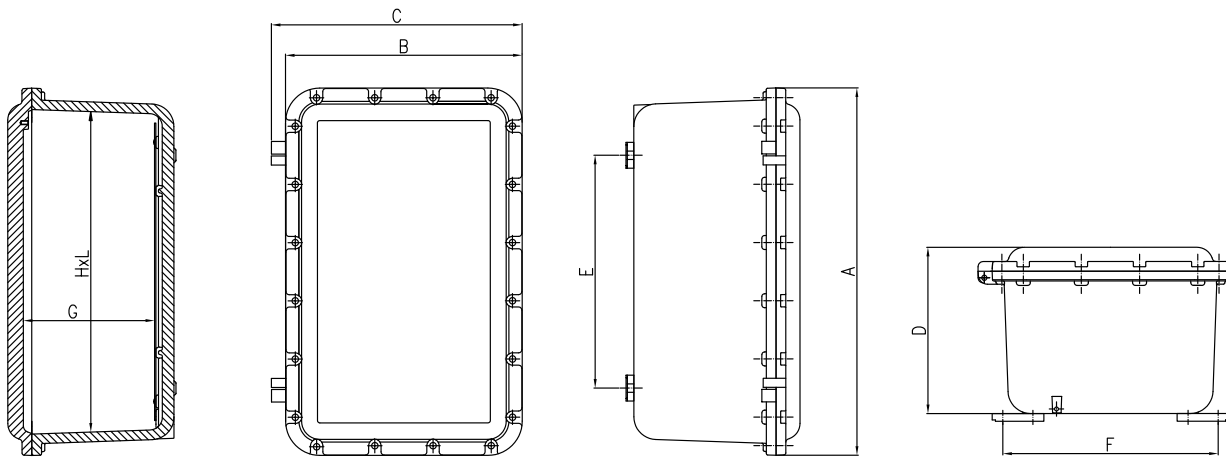
Wall mounting set

Ex d II B Flame proof enclosures EJB



Dimensions

Order No.	Type	Dimensions (mm)									Mounting plate	Weight (kg)
		A	B	C	D	E	F	G	H	L		
40.00 20 01	EJB 11	175	175	-	125	78	165	90	115	115	95 x 95	3,6
40.00 20 02	EJB 21	285	245	267	169	160	276	122	217	175	180 x 140	10,5
40.00 20 03	EJB 22	300	200	222	177	195	221	130	240	140	235 x 135	12,5
40.00 20 04	EJB 30	415	315	340	168	280	306	120	340	245	325 x 225	18,5
40.00 20 05	EJB 31	415	315	340	250	280	306	200	340	245	325 x 225	20,5
40.00 20 06	EJB 51	568	365	388	257	360	343	203	495	295	460 x 260	36,5
40.00 20 07	EJB 61	670	470	490	360	500	470	310	595	395	560 x 360	57
40.00 20 08	EJB 63	670	470	490	235	500	470	184	595	395	560 x 360	47
40.00 20 09	EJB 71	742	542	572	425	500	456	360	645	445	590 x 390	110
40.00 20 10	EJB 91	960	660	700	460	700	526	370	830	530	758 x 448	202





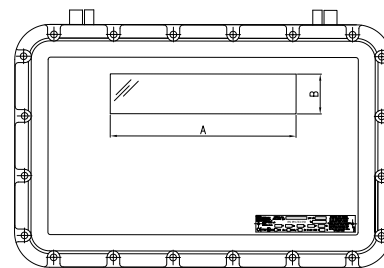
Ex d II B Flame proof enclosures EJB

Terminal mounting

Make	Phoenix / Weidmüller							
DIN rail TS 35	X	X	X	X	X	X	X	X
Nominal cross section (mm²)	2,5	6,0	10,0	16,0	35,0	50,0	70,0	240,0
Enclosure type								
40.00 20 01	1 x 12	1 x 8	1 x 6	1 x 4	1 x 2			
40.00 20 02	1 x 30	1 x 20	1 x 14	1 x 12	1 x 8	1 x 6	1 x 2	1 x 1
40.00 20 03	1 x 44	1 x 30	1 x 20	1 x 18	1 x 12	1 x 10	1 x 4	1 x 2
40.00 20 04	2 x 52	2 x 32	2 x 24	2 x 20	2 x 14	1 x 12	1 x 8	1 x 4
40.00 20 05	2 x 52	2 x 32	2 x 24	2 x 20	2 x 14	1 x 12	1 x 8	1 x 4
40.00 20 06	2 x 80	2 x 46	2 x 36	2 x 30	2 x 22	2 x 18	1 x 16	1 x 6
40.00 20 07	3 x 92	3 x 58	3 x 46	3 x 38	3 x 28	2 x 26	2 x 22	1 x 12
40.00 20 08	3 x 92	3 x 58	3 x 46	3 x 38	3 x 28	2 x 26	2 x 22	1 x 12
40.00 20 09	3 x 110	3 x 70	3 x 56	3 x 46	3 x 34	2 x 28	2 x 24	1 x 12
40.00 20 10	3 x 140	3 x 90	3 x 70	3 x 60	3 x 44	3 x 36	2 x 32	2 x 14

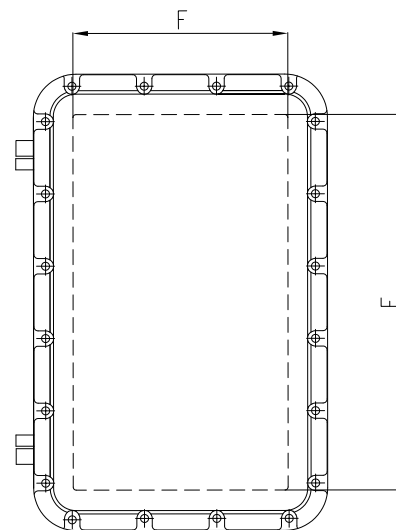
Window dimensions

Window area (mm) A x B	EJB 11	EJB 21	EJB 22	EJB 30/31	EJB 51	EJB 61/63	EJB 71	EJB 91
60 x 60	X	X	X	X	X	X	X	X
75 x 75	X	X		X	X	X	X	X
110 x 75		X	X	X	X	X	X	X
150 x 75		X		X	X	X		
150 x 150				X	X	X		
300 x 75				X	X	X		
300 x 150				X	X	X		
300 x 300						X		
450 x 300						X		



Lid machining areas

Type	Lid area E x F (mm)	max. quantity of devices ø 30 mm
EJB 11	120 x 120	6
EJB 21	200 x 155	12
EJB 22	240 x 210	15
EJB 30	305 x 205	30
EJB 31	305 x 205	30
EJB 51	465 x 265	54
EJB 61	575 x 370	56
EJB 63	575 x 370	56
EJB 71	590 x 390	48
EJB 91	800 x 500	54



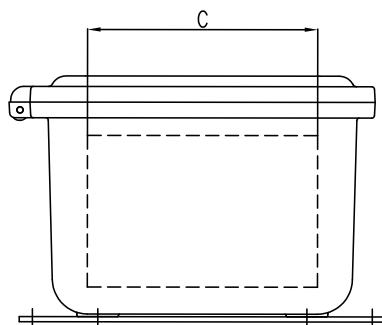
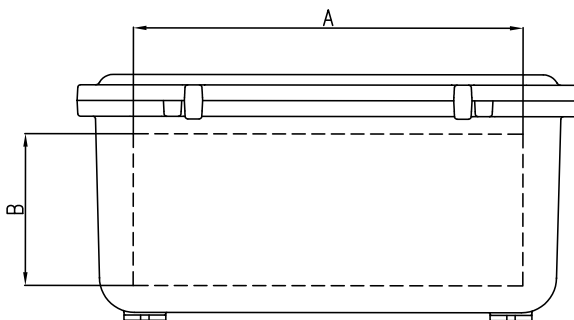
Ex d II B Flame proof enclosures EJB



Enclosure machining areas

Type	Machining area A-B	Quantity glands							
		M20 1/2" NPT	M25 3/4" NPT	M32 1" NPT	M40 1-1/4" NPT	M50 1-1/2" NPT	M63 2" NPT	M75 2-1/2" NPT	M85 3" NPT
EJB-11	125 x 60	4	2	2	1	1			
EJB-21	200 x 90	10	7	5	3	2	2	1	
EJB-22	215 x 130	15	11	8	6	6	3	2	1
EJB-30	320 x 65	13	7	5	5	4	3		
EJB-31	320 x 150	28	18	14	11	8	6	3	2
EJB-51	460 x 155	44	27	24	20	12	10	6	3
EJB-61	550 x 250	72	50	36	32	21	21	14	8
EJB-63	550 x 130	36	29	18	16	14	7	5	4
EJB-71	600 x 270	78	55	50	36	32	21	18	10
EJB-91	745 x 290	112	84	65	55	40	28	23	14

Type	Machining area C-D	Quantity glands							
		M20 1/2" NPT	M25 3/4" NPT	M32 1" NPT	M40 1-1/4" NPT	M50 1-1/2" NPT	M63 2" NPT	M75 2-1/2" NPT	M85 3" NPT
EJB-11	125 x 60	4	2	2	1	1			
EJB-21	160 x 90	8	5	4	3	2	1	1	
EJB-22	110 x 130	9	5	5	4	2	1	1	1
EJB-30	225 x 65	9	5	4	3	3	2		
EJB-31	225 x 150	20	12	9	8	6	5	2	1
EJB-51	255 x 155	24	15	12	11	6	6	3	2
EJB-61	350 x 250	48	30	24	20	12	12	8	6
EJB-63	350 x 130	24	17	12	10	8	4	3	3
EJB-71	400 x 270	48	35	35	24	20	15	12	6
EJB-91	440 x 290	70	42	35	35	24	18	13	8

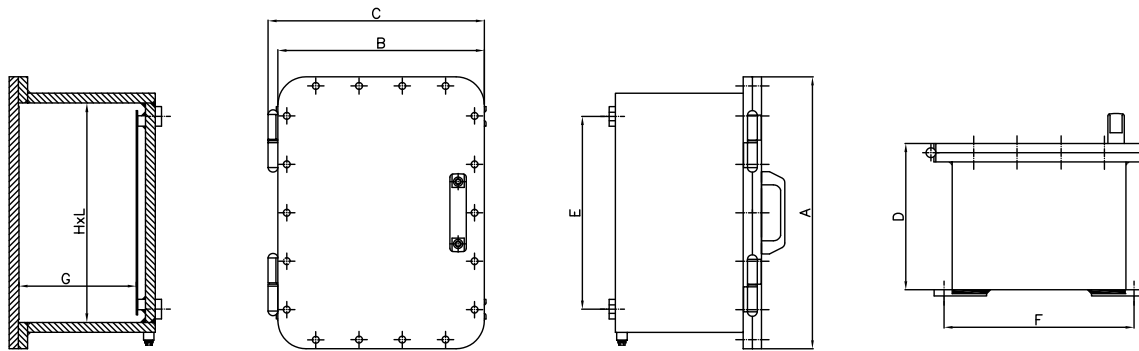


Ex d II B Flame proof enclosures EJB INX



Dimensions

Order No.	Type	Dimensions (mm)									Mounting plate	Weight (kg)
		A	B	C	D	E	F	G	H	L		
40.00 24 01	EJB 21 INX	285	245	260	194	160	230	122	215	175	180 x 140	32
40.00 24 02	EJB 22 INX	300	200	215	218	195	188	177	230	130	235 x 135	38
40.00 24 03	EJB 30 INX	415	315	330	158	294	290	117	335	235	325 x 225	53
40.00 24 04	EJB 31 INX	415	315	330	223	294	290	180	335	235	325 x 225	62
40.00 24 05	EJB 51 INX	565	365	400	233	360	335	190	480	280	460 x 260	110
40.00 24 06	EJB 61 INX	670	470	485	344	500	437	290	590	390	560 x 360	152
40.00 24 07	EJB 63 INX	670	470	485	229	500	437	180	590	390	560 x 360	140
40.00 24 08	EJB 91 INX	960	660	678	431	600	640	364	843	543	758 x 448	618

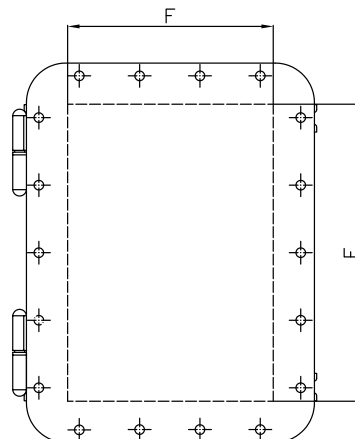


Terminal mounting

Make	Phoenix / Weidmüller							
	X	X	X	X	X	X	X	X
DIN rail TS 35	X	X	X	X	X	X	X	X
Nominal cross section (mm²)	2,5	6,0	10,0	16,0	35,0	50,0	70,0	240,0
Enclosure type								
40.00 24 01	30 x 1	20 x 1	14 x 1	12 x 1	8 x 1	6 x 1	2 x 1	1 x 1
40.00 24 02	44 x 1	30 x 1	20 x 1	18 x 1	12 x 1	10 x 1	4 x 1	2 x 1
40.00 24 03	52 x 2	32 x 2	24 x 2	20 x 2	14 x 2	12 x 1	8 x 1	4 x 1
40.00 24 04	52 x 2	32 x 2	24 x 2	20 x 2	14 x 2	12 x 1	8 x 1	4 x 1
40.00 24 05	80 x 2	46 x 2	36 x 2	30 x 2	22 x 2	18 x 2	16 x 1	6 x 1
40.00 24 06	92 x 3	58 x 3	46 x 3	38 x 3	28 x 3	26 x 2	22 x 2	12 x 1
40.00 24 07	92 x 3	58 x 3	46 x 3	38 x 3	28 x 3	26 x 2	22 x 2	12 x 1
40.00 24 08	140 x 3	90 x 3	70 x 3	60 x 3	44 x 3	36 x 3	32 x 2	14 x 2

Lid machining areas

Type	Machining area E x F (mm)	max. quantity of devices ø 30 mm
EJB 21 INX	200 x 155	12
EJB 22 INX	240 x 120	15
EJB 30 INX	305 x 205	30
EJB 31 INX	305 x 205	30
EJB 51 INX	465 x 265	54
EJB 61 INX	575 x 370	56
EJB 63 INX	575 x 370	56
EJB 91 INX	800 x 500	54

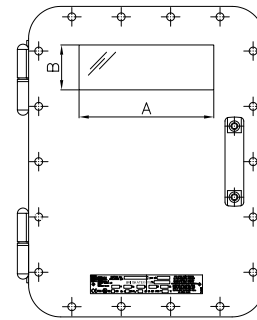


Ex d II B Flame proof enclosures EJB INX



Window dimensions

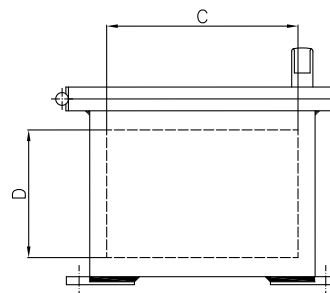
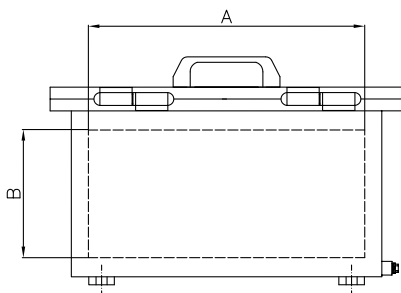
Window area (mm) A x B		EJB 21	EJB 22	EJB 30/31	EJB 51	EJB 61/63	EJB 71	EJB 91
60	60	X	X	X	X	X	X	X
75	75	X		X	X	X	X	X
110	75	X	X	X	X	X	X	X
150	75	X		X	X	X		
150	150			X	X	X		
300	75			X	X	X		
300	150			X	X	X		
300	300					X		
450	300					X		



Enclosure machining areas

Type	Machining area A-B	Quantity glands							
		M20 1/2" NPT	M25 3/4" NPT	M32 1" NPT	M40 1-1/4" NPT	M50 1-1/2" NPT	M63 2" NPT	M75 2-1/2" NPT	M85 3" NPT
EJB 21 INX	200 x 90	10	7	5	3	2	2	1	
EJB 22 INX	215 x 130	15	11	8	6	6	3	2	1
EJB 30 INX	320 x 65	13	7	5	5	4	3		
EJB 31 INX	320 x 150	28	18	14	11	8	6	3	2
EJB 51 INX	460 x 155	44	27	24	20	12	10	6	3
EJB 61 INX	550 x 250	72	50	36	32	21	21	14	8
EJB 63 INX	550 x 130	36	29	18	16	14	7	5	4
EJB 91 INX	745 x 290	112	84	65	55	40	28	23	14

Type	Machining area C-D	Quantity glands							
		M20 1/2" NPT	M25 3/4" NPT	M32 1" NPT	M40 1-1/4" NPT	M50 1-1/2" NPT	M63 2" NPT	M75 2-1/2" NPT	M85 3" NPT
EJB 21 INX	160 x 90	8	5	4	3	2	1	1	
EJB 22 INX	110 x 130	9	5	5	4	2	1	1	1
EJB 30 INX	225 x 65	9	5	4	3	3	2		
EJB 31 INX	225 x 150	20	12	9	8	6	5	2	1
EJB 51 INX	255 x 155	24	15	12	11	6	6	3	2
EJB 61 INX	350 x 250	48	30	24	20	12	12	8	6
EJB 63 INX	350 x 130	24	17	12	10	8	4	3	3
EJB 91 INX	440 x 290	70	42	35	35	24	18	13	8

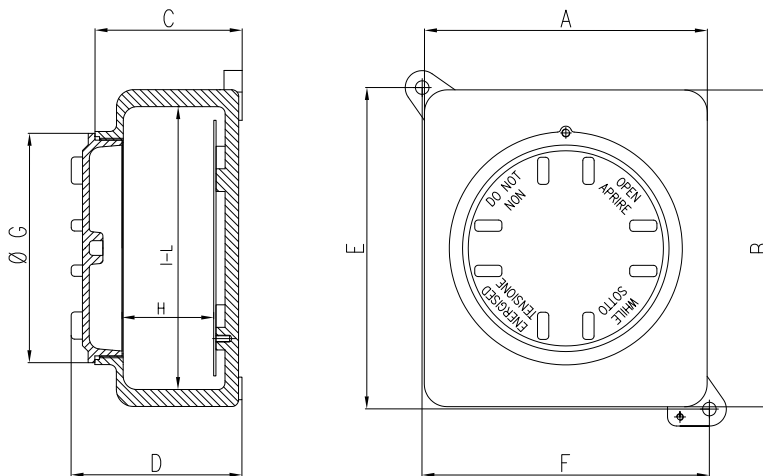


Ex d II C Flame proof enclosures GUB



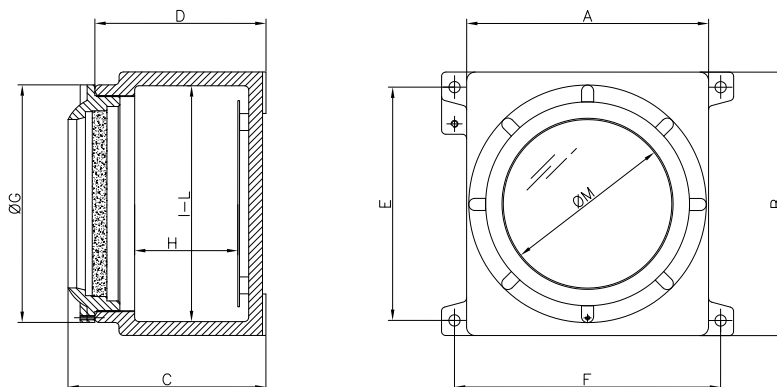
Dimensions

Order No.	Type	Dimensions (mm)										Mounting plate	Weight (kg)
		A	B	C	D	E	F	∅ G	H	I	L		
40.00 22 01	GUE 1	135	135	108	93	151	115	100	45	110	110	90 ∅	2
40.00 22 02	GUB 0	168	168	140	123	190	140	154	80	140	140	110 x 110	3,5
40.00 22 03	GUB 1	198	198	150	132	200	200	176	90	170	170	150 x 150	5
40.00 22 05	GUB 03	280	305	225	198	308	207	275	125	248	273	220 x 200	10,5
40.00 22 06	GUB 23	270	310	180	150	315	275	244	102	243	280	180 x 180	10,5
40.00 22 07	GUB 4	420	420	284	230	460	380	400	150	390	390	280 x 280	30
40.00 22 08	GUB 5	600	600	334	310	630	550	580	210	550	550	490 x 490	77



Dimensions

Order No.	Type	Dimensions (mm)										Mounting plate	Weight (kg)	
		A	B	C	D	E	F	∅ G	H	I	L			∅ M
40.00 22 09	GUBW 11	180	180	146	130	210	146	160	77	152	152	80	145 x 130	6,5
40.00 22 11	GUBW 03	280	305	235	298	308	270	275	125	248	273	195	220 x 200	18



Ex d II C Flame proof enclosures GUB



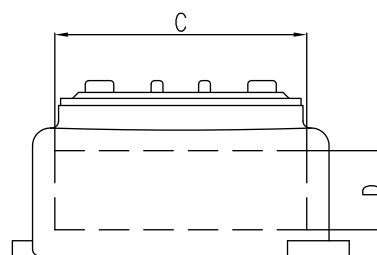
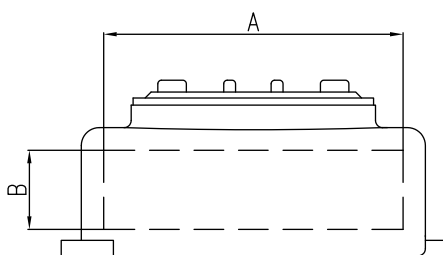
Terminal mounting

Make	Phoenix / Weidmüller							
DIN rail TS 35	X	X	X	X	X	X	X	X
Nominal cross section (mm²)	2,5	6,0	10,0	16,0	35,0	50,0	70,0	240,0
Enclosure type								
40.00 22 01	8 x 1	4 x 1	4 x 1	2 x 1	2 x 1			
40.00 22 02	12 x 1	6 x 1	6 x 1	4 x 1	4 x 1	2 x 1	1 x 1	
40.00 22 03	20 x 1	10 x 1	10 x 1	6 x 1	6 x 1	4 x 1	2 x 1	1 x 1
40.00 22 05	34 x 1	20 x 1	18 x 1	14 x 1	10 x 1	8 x 1	6 x 1	4 x 1
40.00 22 06	26 x 1	16 x 1	14 x 1	12 x 1	8 x 1	6 x 1	4 x 1	1 x 1
40.00 22 07	48 x 2	28 x 2	24 x 2	20 x 2	12 x 2	10 x 2	8 x 1	4 x 1
40.00 22 08	64 x 3	20 x 3	36 x 3	30 x 3	11 x 3	16 x 3	16 x 1	6 x 2
40.00 22 09	16 x 1	10 x 1	8 x 1	8 x 1	6 x 1	4 x 1	2 x 1	
40.00 22 11	34 x 1	20 x 1	18 x 1	14 x 1	10 x 1	8 x 1	6 x 1	4 x 1

Enclosure machining areas

Type	Machining area A-B	Quantity glands							
		M20 1/2" NPT	M25 3/4" NPT	M32 1" NPT	M40 1-1/4" NPT	M50 1-1/2" NPT	M63 2" NPT	M75 2-1/2" NPT	M85 3" NPT
GUE 1	102 x 50	2	1	1	1				
GUB 0	128 x 80	6	3	2	2	1	1	1	
GUB 1	148 x 87	6	3	3	2	2	1	1	
GUB 03	263 x 120	15	11	9	8	6	4	2	2
GUB 23	270 x 97	11	10	8	6	4	3	2	
GUB 4	350 x 140	23	18	14	11	10	7	4	3
GUB 5	550 x 195	45	36	27	24	18	12	6	3
GUBW 11	150 x 77	6	4	3	2	2	1		
GUBW 03	263 x 120	15	11	9	8	6	4	2	2

Type	Machining area C-D	Quantity glands							
		M20 1/2" NPT	M25 3/4" NPT	M32 1" NPT	M40 1-1/4" NPT	M50 1-1/2" NPT	M63 2" NPT	M75 2-1/2" NPT	M85 3" NPT
GUE 1	102 x 50	2	1	1	1				
GUB 0	128 x 80	6	3	2	2	1	1	1	
GUB 1	148 x 87	6	3	3	2	2	1	1	
GUB 03	238 x 120	12	9	8	6	6	3	2	2
GUB 23	230 x 97	9	8	8	5	3	3	2	
GUB 4	350 x 140	23	18	14	11	10	7	4	3
GUB 5	550 x 195	45	36	27	24	18	12	6	3
GUBW 11	150 x 77	6	4	3	2	2	1		
GUBW 03	238 x 120	12	9	8	6	6	3	2	2

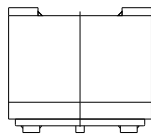
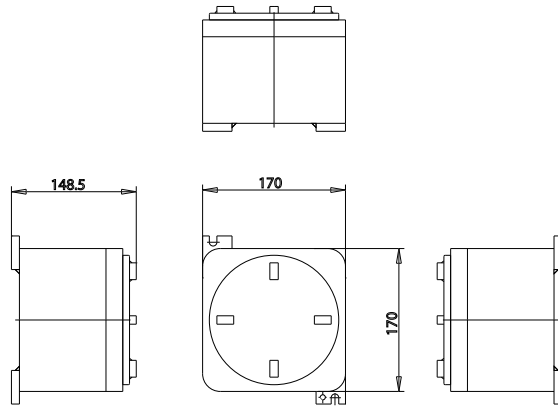


Ex d II C Flame proof enclosures GUB INX

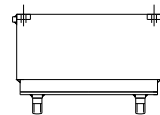
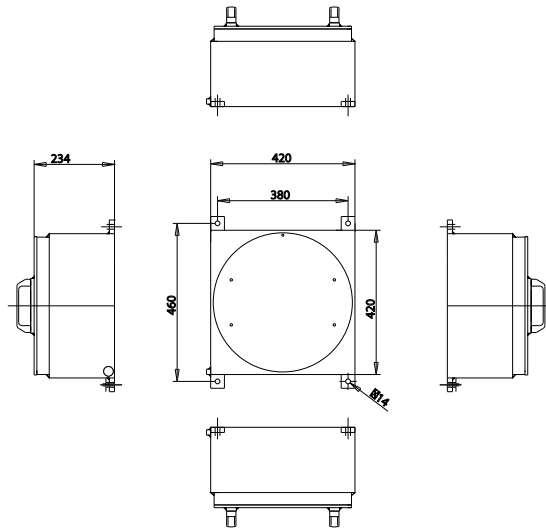


Dimensions

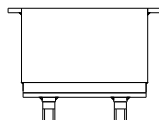
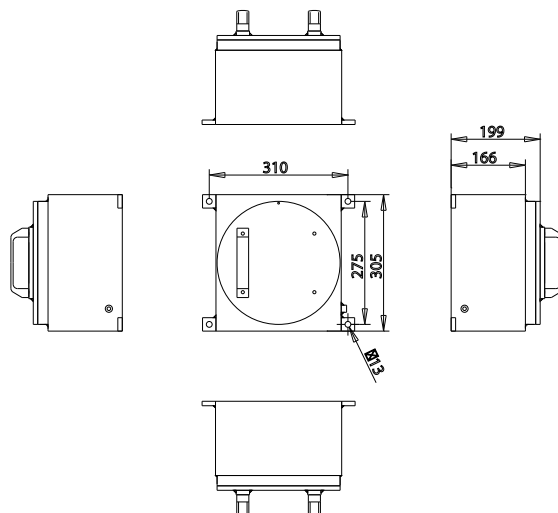
GUB 0 INX



GUB 4 INX



GUB 03 INX

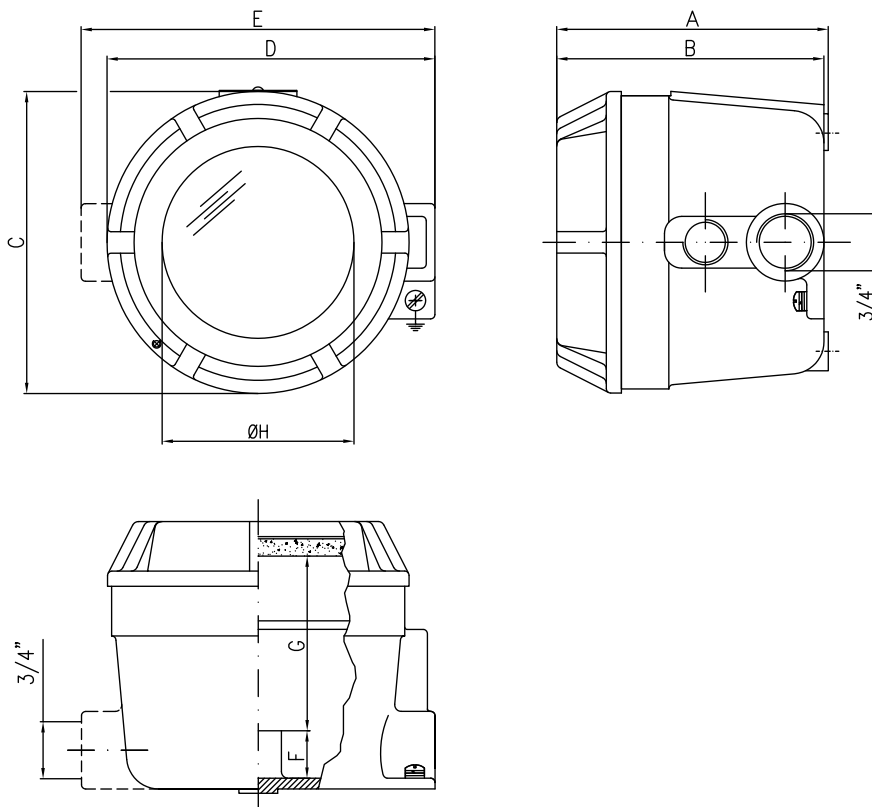


Ex d II C Instrumentation enclosures EMH 9



Dimensions

Order No.	Type	Dimensions (mm)								Weight (kg)	No. cable glands	Drain ventile
		A	B	C	D	E	F	G	ø H			
40.00 25 01	EMH 9.2	126	125	140	152		22	81	90	1,5	1 x 3/4"	no
40.00 25 02	EMH 9.22	126	125	140	152	164	22	81	90	1,5	2 x 3/4"	no
40.00 25 03	EMH 9.2V	126	125	140	152		22	81	90	1,5	1 x 3/4"	yes
40.00 25 04	EMH 9.22V	126	125	140	152	164	22	81	90	1,5	2 x 3/4"	yes



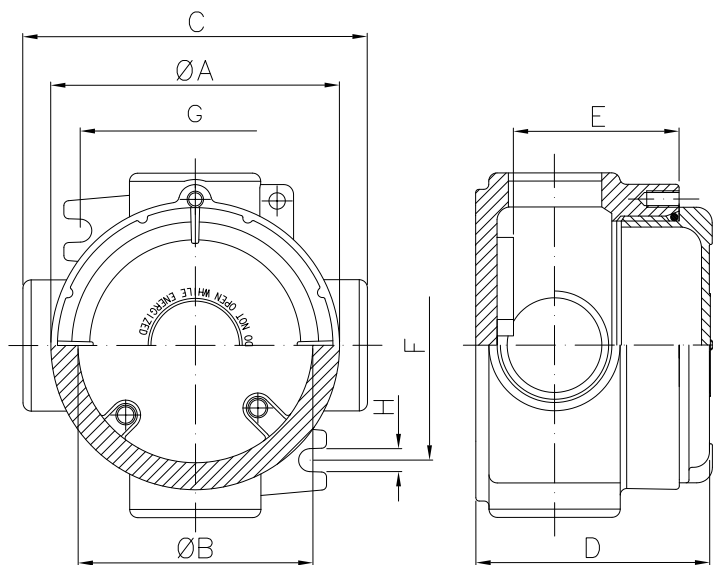
Ex d II C Junction and distribution enclosures GUA-EAHF



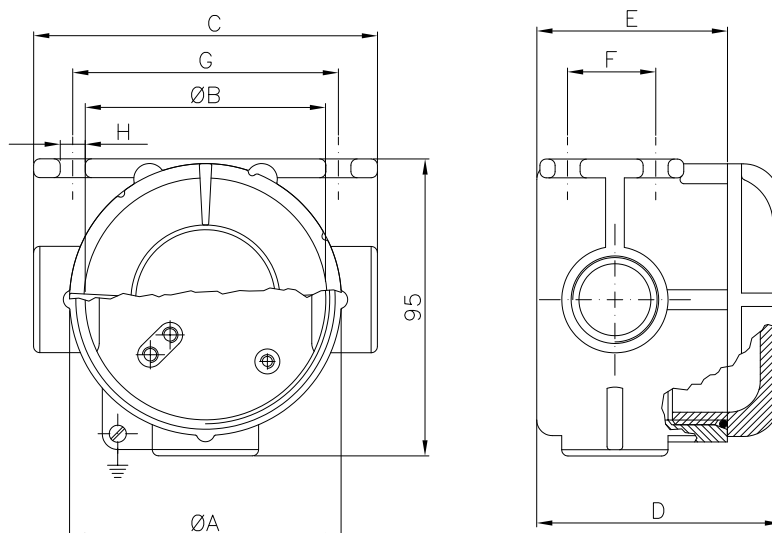
Dimensions

Order No.	Type	Dimensions (mm)								Weight (kg)
		ø A	ø B	C	D	E	F	G	H	
40.00 26 01	GUA 16	87	77	100	75	40	70	70	7	0,6
40.00 26 02	GUA 17	113	100	130	79	50	95	82	9	0,9
40.00 26 03	GUA 26	87	77	100	75	40	70	70	7	0,6
40.00 26 04	GUA 27	113	100	130	79	50	95	82	9	0,9
40.00 26 05	GUA 36	87	77	100	75	40	70	70	7	0,6
40.00 26 06	GUA 37	113	100	130	79	50	95	82	9	0,9
40.00 26 07	GUA 59	154	135	169	110	75	100	130	7,5	1,2
40.00 26 08	GUA 69	154	135	169	110	75	100	130	7,5	1,2
40.00 26 09	EAHF 26	87	77	110	79	61	30	85	7	0,5

GUA



EAHF



Ex d II C Junction and distribution enclosures GUA-EAHF



Threads

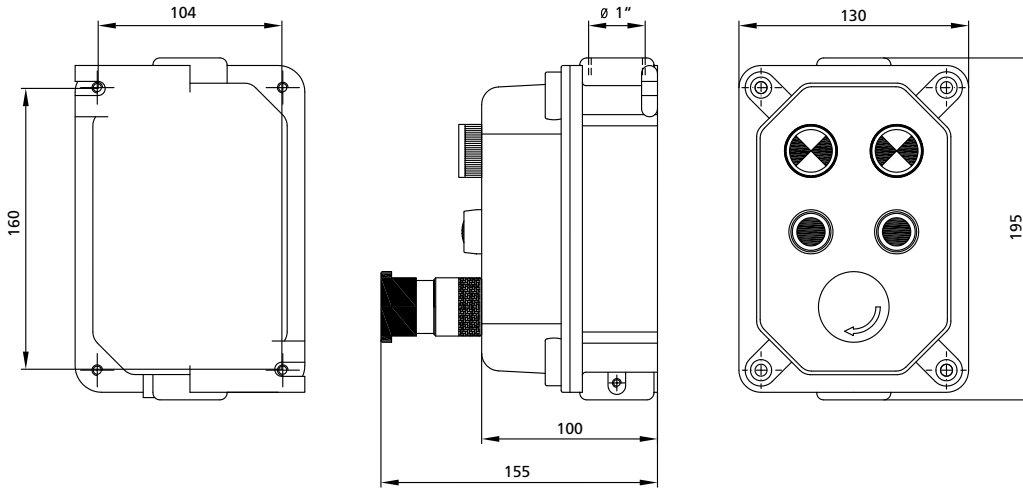
	GUA 16	GUA 17	GUA 26	GUA 27	GUA 36	GUA 37	GUA 59	GUA 69	EAHF 26
	2 x 1/2"	2 x 1/2"	2 x 3/4"	2 x 3/4"	2 x 1"	2 x 1"	2 x 1-1/2"	2 x 2"	
	2 x 1/2"	2 x 1/2"	2 x 3/4"	2 x 3/4"	2 x 1"	2 x 1"	2 x 1-1/2"	2 x 2"	
	2 x 1/2"	2 x 1/2"	2 x 3/4"	2 x 3/4"	2 x 1"	2 x 1"	2 x 1-1/2"	2 x 2"	
	3 x 1/2"	3 x 1/2"	3 x 3/4"	3 x 3/4"	3 x 1"	3 x 1"	3 x 1-1/2"	3 x 2"	3 x 3/4"
	4 x 1/2"	4 x 1/2"	4 x 3/4"	4 x 3/4"	4 x 1"	4 x 1"	4 x 1-1/2"	4 x 2"	
	4 x 1/2"	4 x 1/2"	4 x 3/4"	4 x 3/4"	4 x 1"	4 x 1"	4 x 1-1/2"	4 x 2"	
	3 x 1/2"	3 x 1/2"	3 x 3/4"	3 x 3/4"	3 x 1"	3 x 1"	3 x 1-1/2"	3 x 2"	



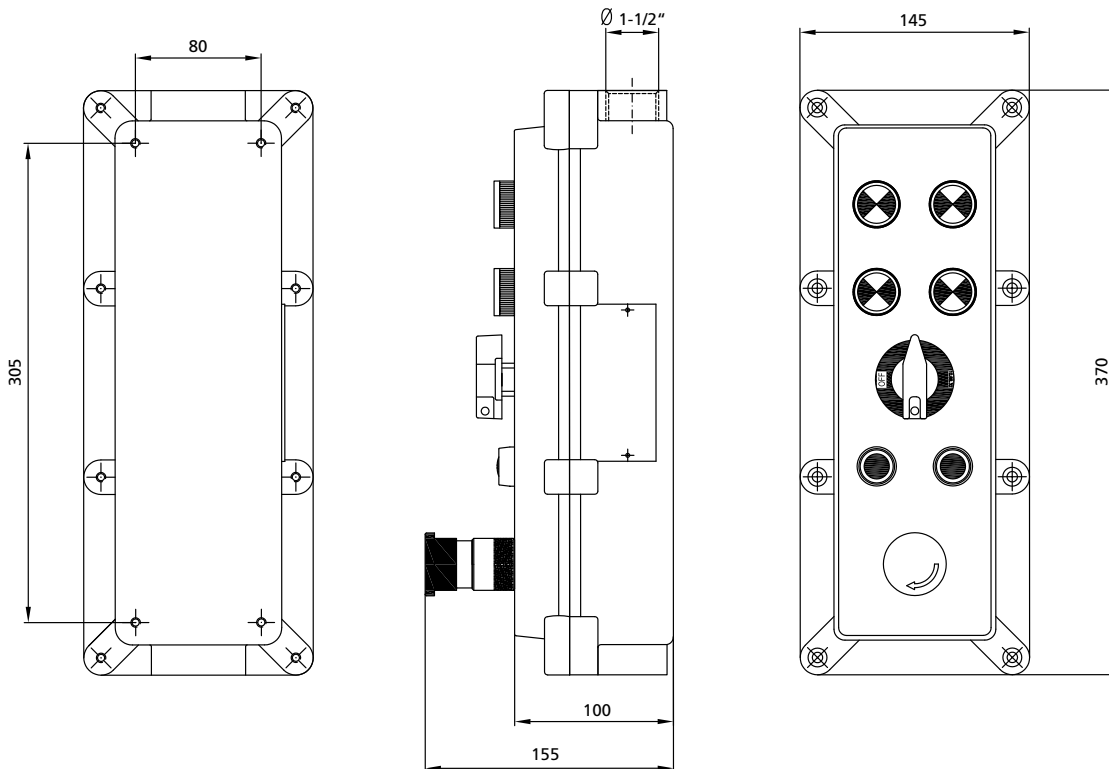
Ex d II B Control Stations EFG

Dimensions

Order No.	Type	Mounting plate	Weight (kg)
40.00 27 01	EFG 6	150 x 95	3,2



Order No.	Type	Mounting plate	Weight (kg)
40.00 27 02	EFG 10	310 x 85	4,8

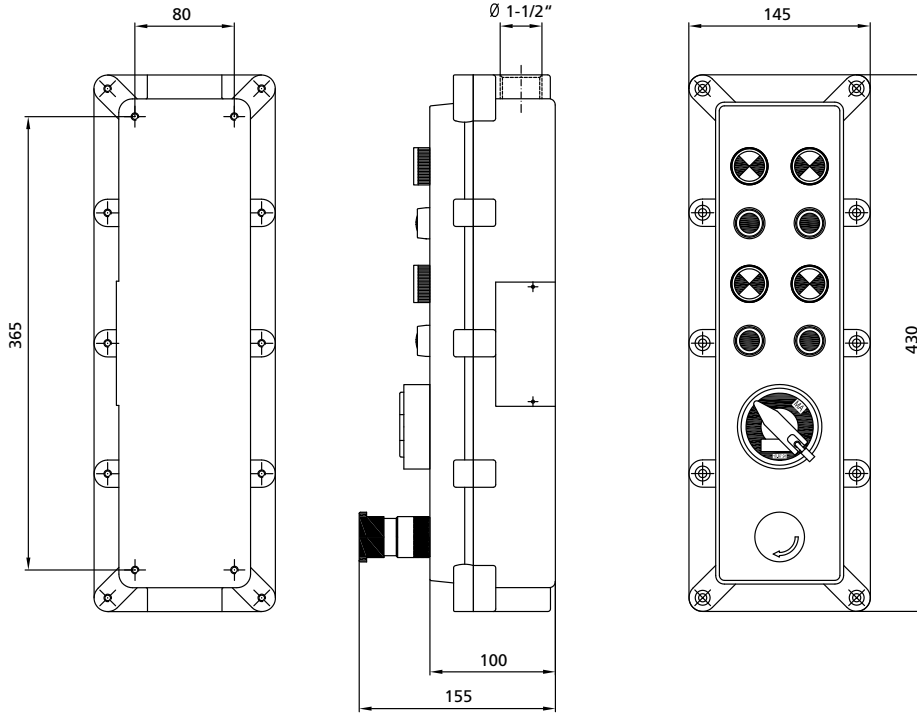


Ex d II B Control Stations EFG



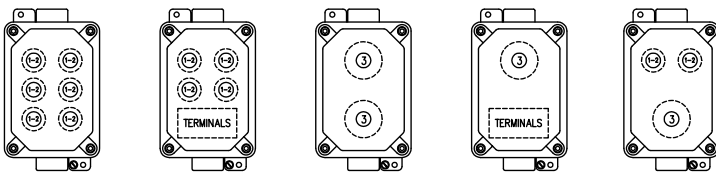
Dimensions

Order No.	Type	Mounting plate	Weight (kg)
40.00 27 03	EFG 12	370 x 85	5,7

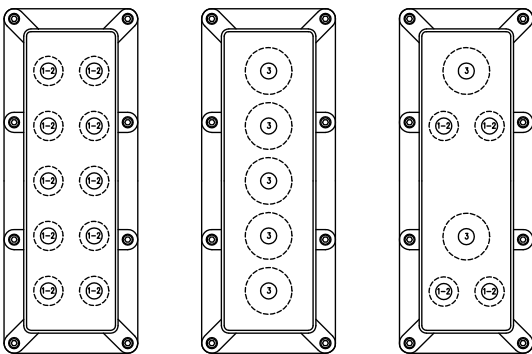


More max. fitting capability

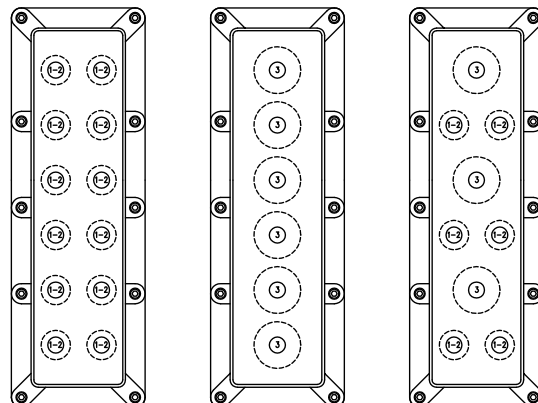
EFG6



EFG10



EFG12



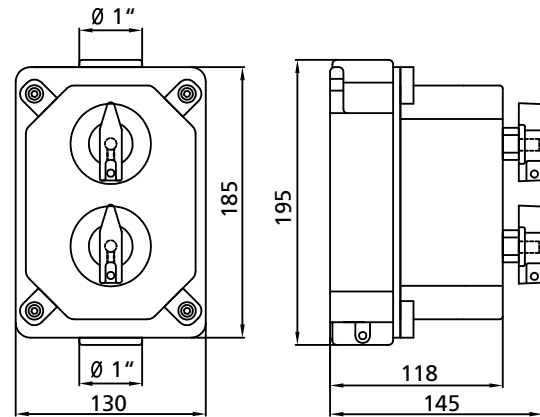
- 1 Push button switch
- 2 Pilot light
- 3 Switching handle

Ex d II B Selector switch stations EFSC218 M310

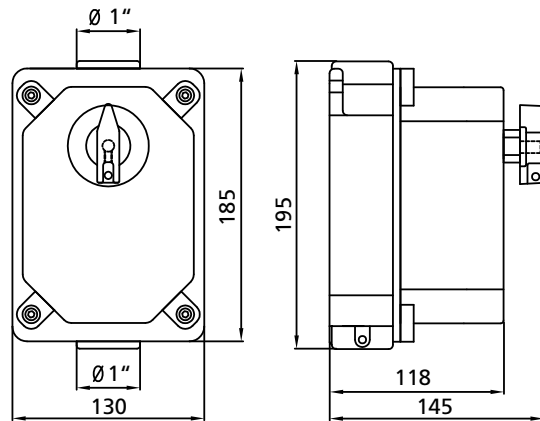


Dimensions

Order No.	Type	Weight (kg)
40.00 27 10	EFSC218 M310	3,45
40.00 27 11	EFSC218 M310L	3,45



Order No.	Type	Weight (kg)
40.00 27 12	EFSC218 313V16	3,1
40.00 27 13	EFSC218 313V25	3,1

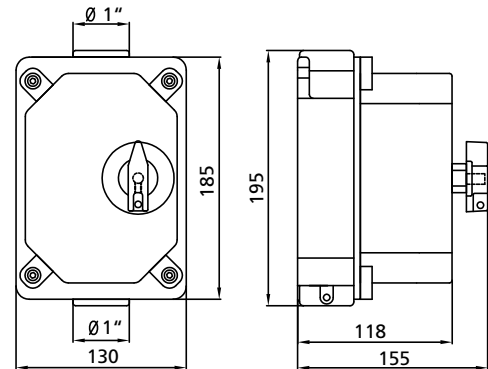


Ex d II B Circuit breaker and earth leakage circuit breaker stations EFSC218 GUS

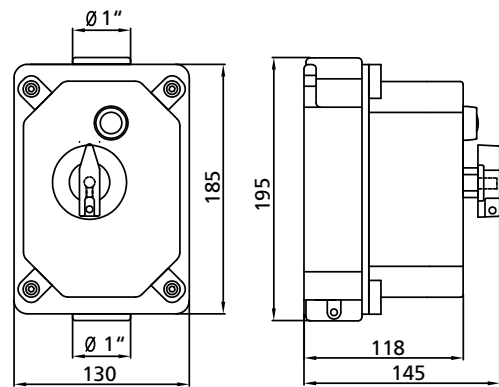


Dimensions

Order No.	Type	Weight (kg)
40.00 27 10 - 40.00 27 40	EFSC218 GUSC	3,1



Order No.	Type	Weight (kg)
40.00 27 41 - 40.00 27 45	EFSC218 GUSV	3,2

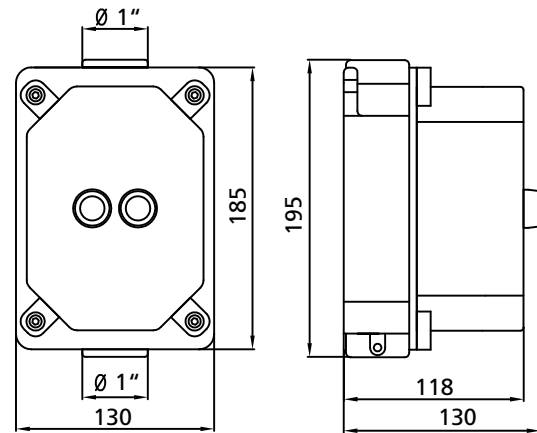


Ex d II B Thermal magnetic motor protection EFSC218 SMT



Dimensions

Order No.	Type	Weight (kg)
40.00 27 46	EFSC218 SMT 034	2,9
40.00 27 47	EFSC218 SMT 036	2,9
40.00 27 48	EFSC218 SMT 301	2,9
40.00 27 49	EFSC218 SMT 302	2,9
40.00 27 50	EFSC218 SMT 303	2,9
40.00 27 51	EFSC218 SMT 304	2,9
40.00 27 52	EFSC218 SMT 306	2,9
40.00 27 53	EFSC218 SMT 310	2,9
40.00 27 54	EFSC218 SMT 316	2,9



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