

Your business operates with harsh environments
Klippon® TB is your reliable partner to protect your components
Let's connect.

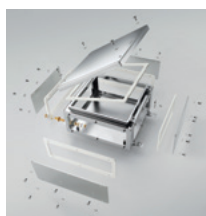
Klippon® - enclosure system



Klippon® TB – Steel enclosures



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Klippon® TB

The name Klippon® has long been a synonym for competence and quality with the supply of products designed to meet the demanding requirements of both industrial and harsh environments (including hazardous area locations). Klippon® is a brand name of the Weidmüller group of companies which maintains sales offices, production facilities and commercial agents in 70 countries worldwide.

Weidmüller began manufacturing enclosures back in the 1960s. We have been able to prove our reputation as a skilled and reliable partner on countless occasions. Since then, the Weidmüller name has stood for innovative products that meet even the most demanding market requirements.

Our experience has been incorporated in to the new design of the market-leading Klippon® TB range of enclosures. Designed to withstand the most demanding environmental conditions, the enclosures have been modernised in such a way that they comply with the latest international norms and standards and, together with an innovative and new product design, ensure enhanced product functionality.

A enclosure family – the key to market success!

On the basis of its innovative Klippon® enclosure standard, Weidmüller's user-friendly variants meet the requirements of customers and target markets.

Weidmüller has developed three standard product ranges:
Klippon® TB MH (Multi Hinge)
Klippon® TB QL (Quarter Lock)
Klippon® TB FS (Fixing Screw)

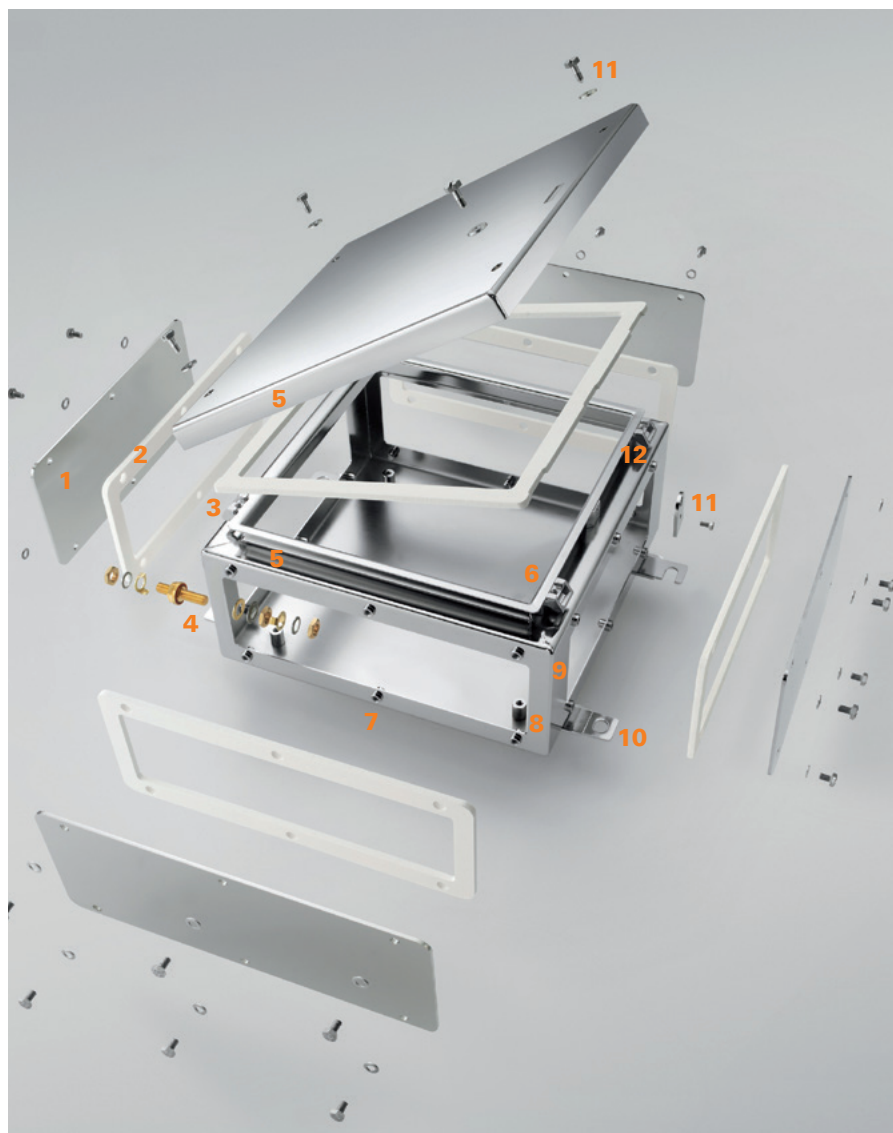
The modern production processes also enable a broad bandwidth of design options in order to adapt quickly to individual customer wishes. For example, document holders, label holders, locking options, rain hoods and many other accessories are available and can be fitted to the enclosures on request.

Since its introduction, the Klippon® TB range (formerly TB range) has become a leading product on the market and has always set the highest standards.



Klippon® TB

Main features at a glance



1 Gland Plates

2 Silicone Gaskets

3 Internal earth point

4 Self-securing earth stud

5 Product identification

6 Flexible hinge design

7 Internal threaded screw sockets

8 Internal mounting pillars

9 Quality Seamless welding

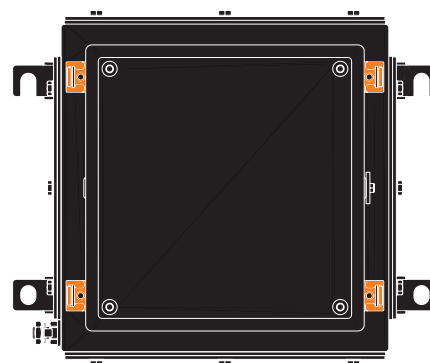
10 Welded mounting lugs

11 Locking system

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Flexible Hinge Design

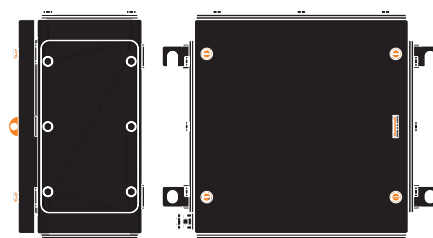
Dedicated hinges are welded to each side of the enclosures – Multi-Hinge. The Klippon® TB MH range therefore provides the flexibility to fit the cover onto either side of the enclosure. The hinge design features integrated height compensation which ensures the sealing performance between the cover and body of each enclosure resulting in improved compression control of the gasket.



Locking systems

Klippon® TB MH

The Klippon® TB MH range is secured by M6 hexagon slotted screws (10 mm). The screws are located outside of the sealing area and are fitted with captive washers on the cover. The Klippon® TB MH range of enclosures also provides the possibility to secure the enclosure on site by means of an optionally available stainless steel padlock (No. 0905680000). The padlock fixture can be fitted to either side of the enclosure or removed completely.



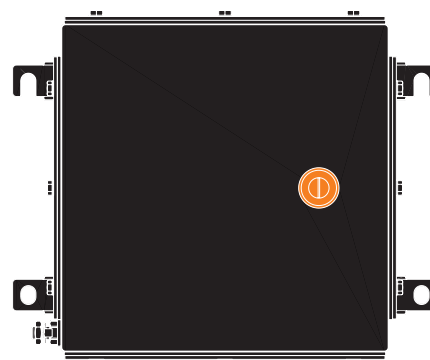


Locking systems

Klippon® TB QL

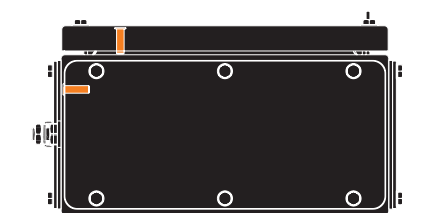
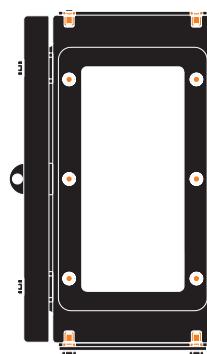
The Klippon® TB QL range of enclosures are supplied with a quarter-turn lock (tested to IP66 standard). The lock design features a slotted insert as standard.

Other lock inserts are available as option.



Internal Threaded Screw Sockets

The internal threaded sockets are welded to the wall of the enclosure and allow for simple gland plate fixing. The elimination of any additional sealing material has minimised the influence of any possible ingress as a result of a mechanical impact, excessive torques or vibration. This design innovation, is exclusively featured on the Klippon® TB enclosure product family. This provides total protection once the gland plates have been fitted. Additionally, captive washers are used with the gland plate screws to increase the performance and the general stability of the fixing screws.

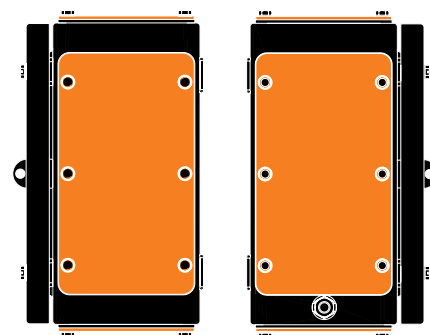




Gland Plates

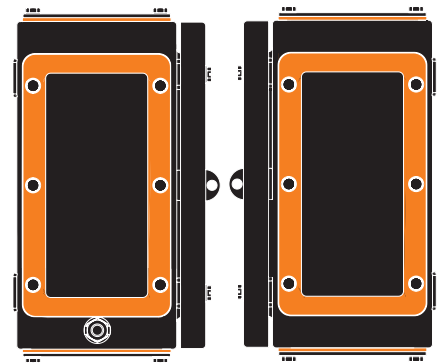
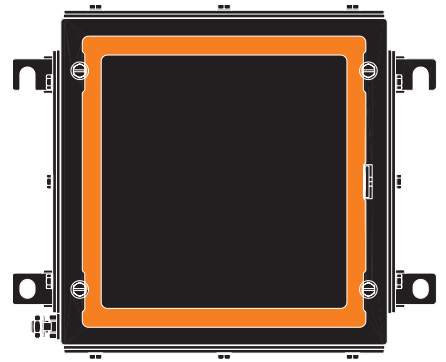
As standard, the Klippon® TB enclosures are supplied with up to 4 gland plates. They are designed in such a way that they enable the greatest possible number of cable entries for each enclosure. The rounded gland plate corners not only fit harmoniously into the Klippon® TB design, they also minimise the risk of possible injury during installation. As standard, the gland plates are made of material that is 3 mm thick.

Gland plates with other material thicknesses are available as options.



Silicone Gasket

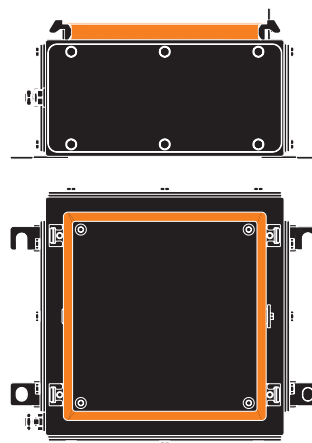
The gasket fits securely to the contour of the enclosure, providing a uniform seal all around the enclosure. The compression control performance of the gasket is optimised by the design of the hinge and supporting locking mechanism.



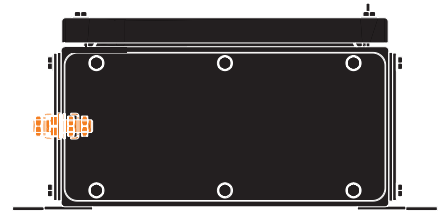


Moisture / Dust Channel

A moisture and dust channel runs around the aperture of the enclosure body. This prevents dirt and moisture that has collected on the surface from entering the enclosure when the cover is opened.



Self-securing earth Stud



As standard, the Klippon® TB enclosures are supplied with a M10 internal/external brass earth stud to the main body of the enclosure. This can be fitted or replaced on site easily and quickly. The earth stud has a sealing mechanism that has been tested to IP67 standard. It is keyed to prevent rotation. The specially designed washers ensure optimal vibration protection.

As an option, the earth stud is also available in stainless steel.



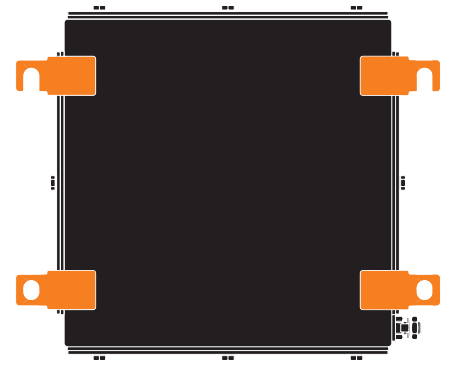


Internal earth Point

Each Klippon® TB enclosure is equipped with an additional M6 earth screw on the cover and inside the enclosure.

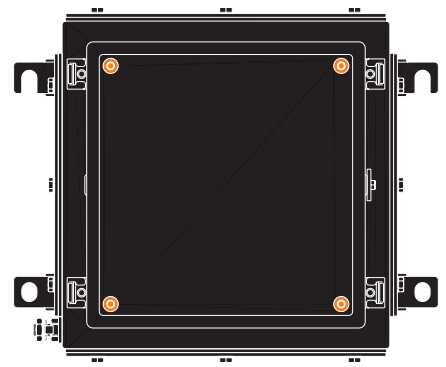
Welded mounting lugs

The Klippon® TB enclosures are each supplied with four welded mounting lugs. These are designed for easy wall fixing and protection against impact and vibrations. The mounting lugs generally follow the “footprint” of earlier Klippon® TB product versions and will therefore support easy product and design replacement needs.



Internal Mounting Pillars

The internal mounting pillars are placed in order to optimise the available space to allow mounting plates or supporting rail to be fully utilised, whilst ensuring full accessibility for the installer. The large surface diameter of each mounting pillar offers improved stability and performance for the rail supports.





Quality Seamless welding

The DVS (DIN EN ISO 3834-3) approved welding process ensures not only the product functionality but also means the appearance of the enclosure conveys a particular sense of quality.

Product identification

The article number and article description are engraved in every enclosure body and cover. This makes it easier to identify and provides traceability of the enclosures. For example, during the installation of several enclosures, the cover can be uniquely assigned and placed on to the right enclosure body.



Klippon® TB MH – Multi Hinge

Steel enclosures for use within harsh environments

The Klippon® TB range of enclosures delivers an outstanding performance in the severest conditions and meets the needs of the increasingly stringent requirements of hazardous area applications that can be found in particular in the process and energy industries. The Klippon® TB MH range offers further enhancements to an already successful and market leading product range.

Information about the System accessories – Page 68.

The Klippon® TB MH range of enclosures offers the following advantages:

- Available in 12 sizes and 3 standard depths
- Equipped with up to 4 gland plates
- The gasket is protected against compression
- Completely removable padlock tab
- Cover lock outside the sealed zone
- Improved temperature performance
- IP 66/IP 67 protection
- Lid can be removed without a tool
- Earth studs in enclosure cover and bottom section
- Welded mounting feet
- International approvals

Our assembly service can supply these enclosures preassembled with terminals and cable glands according to customer requirements.



Overview of enclosures

Ordering data

Description	Length x Width x Depth in mm	1 Gland Plates (Bottom)	2 Gland Plates (Top+Bottom)	3 Gland Plates (Bottom+Sides)	4 Gland Plates (All Sides)	Reference Product
KTb MH 221513 S4E_*	229 x 152 x 133	1194560000	1194570000	1194580000	1194590000	Klippon® TB10
KTb MH 262615 S4E_*	260 x 260 x 150	1194610000	1194620000	1194630000	1194640000	Klippon® TB10A
KTb MH 262620 S4E_*	260 x 260 x 200	1194660000	1194670000	1194680000	1194690000	Klippon® TB10A
KTb MH 303015 S4E_*	306 x 306 x 150	1194710000	1194720000	1194730000	1194740000	Klippon® TB11
KTb MH 303020 S4E_*	306 x 306 x 200	1194760000	1194770000	1194780000	1194790000	Klippon® TB11
KTb MH 352615 S4E_*	350 x 260 x 150	1194810000	1194820000	1194830000	1194840000	Klippon® TB11A
KTb MH 352620 S4E_*	350 x 260 x 200	1194860000	1194870000	1194880000	1194890000	Klippon® TB11A
KTb MH 403015 S4E_*	400 x 300 x 150	1194910000	1194920000	1194930000	1194940000	-
KTb MH 403020 S4E_*	400 x 300 x 200	1194960000	1194970000	1194980000	1194990000	-
KTb MH 453815 S4E_*	458 x 382 x 150	1195010000	1195020000	1195030000	1195040000	Klippon® TB12
KTb MH 453820 S4E_*	458 x 382 x 200	1195060000	1195070000	1195080000	1195090000	Klippon® TB12
KTb MH 484815 S4E_*	480 x 480 x 150	1195110000	1195120000	1195130000	1195140000	Klippon® TB12A
KTb MH 484820 S4E_*	480 x 480 x 200	1195160000	1195170000	1195180000	1195190000	Klippon® TB12A
KTb MH 553515 S4E_*	550 x 350 x 150	1195210000	1195220000	1195230000	1195240000	Klippon® TB12B
KTb MH 553520 S4E_*	550 x 350 x 200	1195260000	1195270000	1195280000	1195290000	Klippon® TB12B
KTb MH 624515 S4E_*	620 x 450 x 150	1195310000	1195320000	1195330000	1195340000	Klippon® TB12D
KTb MH 624520 S4E_*	620 x 450 x 200	1195360000	1195370000	1195380000	1195390000	Klippon® TB12D
KTb MH 765015 S4E_*	762 x 508 x 150	1195410000	1195420000	1195430000	1195440000	Klippon® TB13
KTb MH 765020 S4E_*	762 x 508 x 200	1195460000	1195470000	1195480000	1195490000	Klippon® TB13
KTb MH 916115 S4E_*	914 x 610 x 150	1195510000	1195520000	1195530000	1195540000	Klippon® TB14
KTb MH 916120 S4E_*	914 x 610 x 200	1195560000	1195570000	1195580000	1195590000	Klippon® TB14
KTb MH 987420 S4E_*	980 x 740 x 200	1195610000	1195620000	1195630000	1195640000	-
Note		* Placeholder for the amount of gland plates (1, 2, 3, 4). Klippon® TB MH enclosures without gland plates are available on request.				

Technical Data

Material	Stainless steel 1.4404 (316L) 1.5 mm
Surface	electropolished
IP Rating	IP 66 / IP 67
NEMA Rating	3, 4x, 12
Gland plates	1-4 (fixed with M6 hexagon head screws with 10 mm slot width), optionally without gland plate
Thickness of gland plate	3 mm (other thicknesses are available on request)
Earthing inside	Enclosure base and lid: welded M6 stainless steel earth studs
Earthing outside	Continuous M10 brass earth stud (optionally with stainless-steel earth stud)
Equipment mounting	4 or 9 mounting bolts with M6 threaded holes to attach the mounting plate or mounting rail
Enclosure mounting	4 welded mounting feet with 11-mm holes (2 slotted and 2 cross-shaped openings)
Lid opening	Lid can be fully removed without the use of tools, can be fitted on both sides, lid opening angle: 130°
Lid fixing	4 hinges and M6 hex-head screws (AF 10) with slot
Padlock facility	Removable padlock fitting, for additional product security with an optional padlock
Impact resistance	7 J ATEX applications, 10 J industrial applications
Gasket material	Silicone
Operating temperature range*	-60 °C...+135 °C
Torque screws of lid and gland plates**	2.5 Nm
Note	
*Limited to IP 66 protection when used in temperatures greater than 105°C.	
** To secure the lid, please use our hexagonal socket wrench with a 10 mm socket (9009070000)	

Approvals for empty enclosures

ATEX certificate	IBExU 14ATEX1028U	GOST Ex	POCC DE.ME92.B02036
ATEX marking	II 2 G Ex e IIC Gb	cULus	E243298
	II 2 D Ex tb IIIC Db	Germanischer Lloyd	11533 - 10 HH
IECEx certificate	IECEx IBE 14.0004U	Russian Maritime Register	10.04093.250
IECEx marking	Ex e IIC Gb	CCOE	P267536/2
	Ex tb IIIC Db	INMETRO	IEEx 13.0006U
Note		The Klippon® TB MH enclosure range can be pre-fitted in our customer specific production department according to your wishes; as an example, terminals, or other approved components, can be installed as required.	

Approvals for control and distribution box

ATEX certificate	IBExU 14ATEX1050	IECEx certificate	IECEx IBE 14.0013	
ATEX marking	II 2G Ex e IIC T6... T4 Gb or II 2G Ex eb IIC T6... T4	IECEx marking	Ex e IIC T6... T4 Gb or Ex eb IIC T6... T4	
	II 1G Ex ia IIC T6... T4 Ga or II 1G Ex ia IIC T6... T4		Ex ia IIC T6... T4 Ga or Ex ia IIC T6... T4	
	II 2(1)G Ex e [ia Ga] IIC T6... T4 Gb or II 2(1)G Ex eb [ia Ga] IIC T6 ... T4		Ex e ia IIC T6... T4 Gb or Ex eb ia IIC T6 ... T4	
	II 2D Ex tb IIIC T 85°C... 135°C Db or II 2D Ex tb IIIC T85 °C... T135 °C		Ex tb IIIC T 85°C... 135°C Db or Ex tb IIIC T85 °C... T135 °C	
	II 1D Ex ia IIIC T135 °C Da or II 1D Ex ia IIIC T135 °C		Ex ia IIIC T135 °C Da or Ex ia IIIC T135 °C	
		INMETRO certificate	IEx 13.0007	
		INMETRO marking	Ex e IIC T6...T4 Gb	
			Ex ia IIC T6...T4 Ga	
			Ex e ia IIC T6...T4 Gb	
			Ex tb IIIC T85 °C...T1 35 °C Db IP 66/IP 67	
Note	Labelling depends on the application layout. Limited to IP 66 protection when used in temperatures greater than 105 °C.			



Height/Width/Depth 229 / 152 / 133 mm

Ordering data

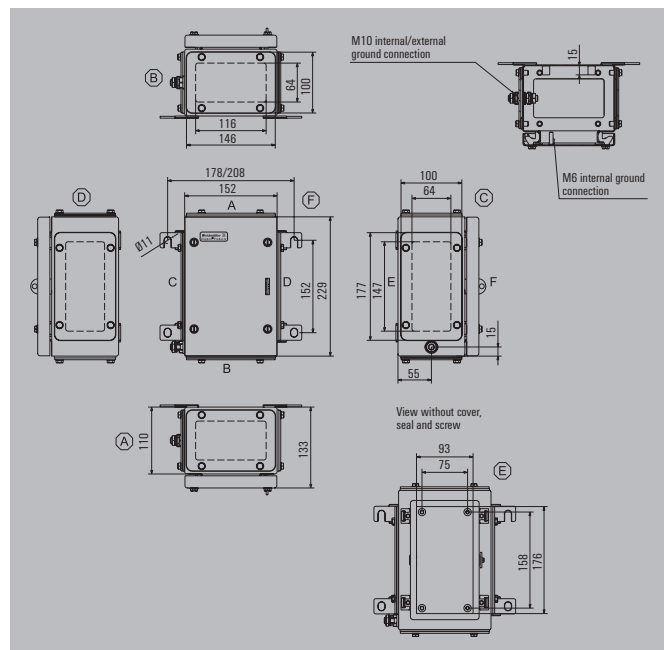
Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom side (B)	1194560000
2 gland plates - top and bottom sides (A & B)	1194570000
3 gland plates - bottom, left and right sides (B, C & D)	1194580000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1194590000

Note Painted sheet steel enclosure available on request. Standard colour is similar to RAL 7035.

Accessories

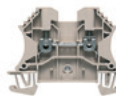
Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1193930000
Stainless steel 1.4301	1193810000
With hole pattern, natural stainless steel 1.4301	1257650000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256270000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256280000
Mounting screw, stainless steel 1.4404	1253230000
Mirror-polish Stainless steel 1.4301 rain hood (2R)	
	1281360000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	
For DIN A5 size documents	
For DIN A4 size documents	
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000
Padlock with two keys	
Stainless steel 1.4301	0905680000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm ²	1x29	1x15
4 mm ²		1x13
6 mm ²		1x9
10 mm ²		1x7
16 mm ²		1x6
35 mm ²		



Note

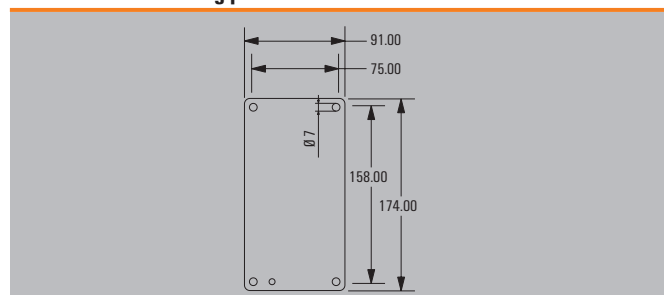
*For enclosure versions with zero, one or two gland plates, the horizontal gap between the mounting feet is reduced by 30 mm.
Assembly with terminal blocks provides for 10 mm clearance to the ends of the mounting rail.
Recommended order:
TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal) ZDU 2.5 1608510000 / (tension clamp terminal) PDU 2.5 1896110000
TS 32 mounting rail (screw terminal) SAK 2.5 0279660000
TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

Number of cable entries

Number of cable entries	A / B	C / D
M12	6	8
M16	5	6
M20	2	3
M25	2	2
M32	1	2
M40	1	2
M50	0	0
M63	0	0
M75	0	0

Note Our IP 68 brass cable glands serve as a reference for these recommended values.

Dimensions of mounting plate



Klippon® TB MH 262615

Depth 150 mm



Height/Width/Depth 260 / 260 / 150 mm

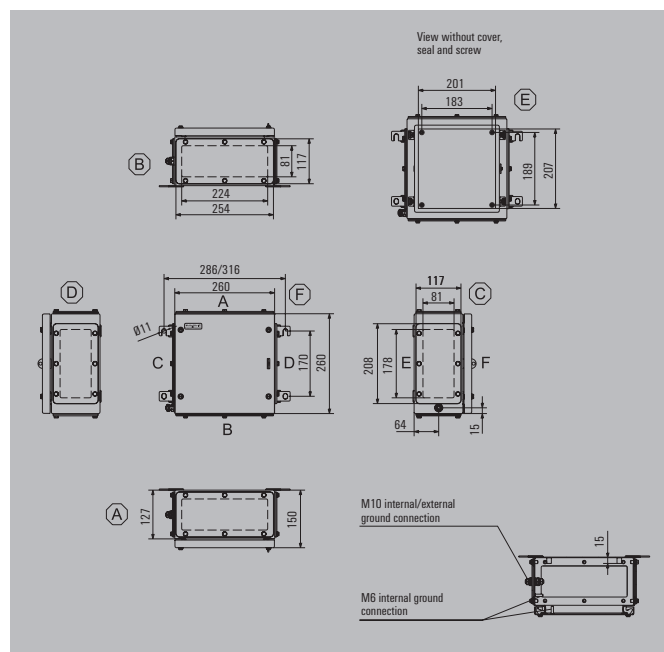
Ordering data

Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom side (B)	1194610000
2 gland plates - top and bottom sides (A & B)	1194620000
3 gland plates - bottom, left and right sides (B, C & D)	1194630000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1194640000
Note	Painted sheet steel enclosure available on request. The colours of painted enclosures may vary under certain circumstances.

Accessories

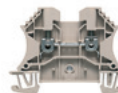
Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1193950000
Stainless steel 1.4301	1193820000
With hole pattern, natural stainless steel 1.4301	1257660000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256290000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256310000
Mounting screw, stainless steel 1.4404	1253230000
Mirror-polish Stainless steel 1.4301 rain hood (2R)	
	1281370000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	1252780000
For DIN A5 size documents	
For DIN A4 size documents	
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000
Padlock with two keys	
Stainless steel 1.4301	0905680000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm ²	2x35	2x34
4 mm ²	1x30	1x29
6 mm ²	1x22	1x22
10 mm ²	1x18	1x17
16 mm ²	1x15	1x14
35 mm ²		



Note

*For enclosure versions with zero, one or two gland plates, the horizontal gap between the mounting feet is reduced by 30 mm.
 Assembly with terminal blocks provides for 10 mm clearance to the ends of the mounting rail.
 Recommended order:
 TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal) ZDU 2.5 1608510000 / (tension clamp terminal) PDU 2.5 1896110000
 TS 32 mounting rail (screw terminal) SAK 2.5 0279660000
 TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

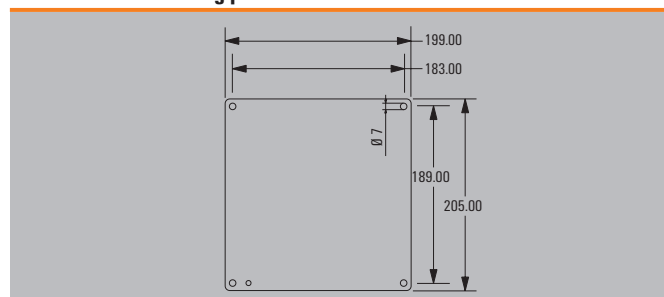
Number of cable entries

Number of cable entries	A / B	C / D
M12	20	15
M16	11	8
M20	9	7
M25	4	3
M32	3	2
M40	3	2
M50	2	2
M63	0	0
M75	0	0

Note

Our IP 68 brass cable glands are used as the reference for these guideline values.

Dimensions of mounting plate





Height/Width/Depth 260 / 260 / 200 mm

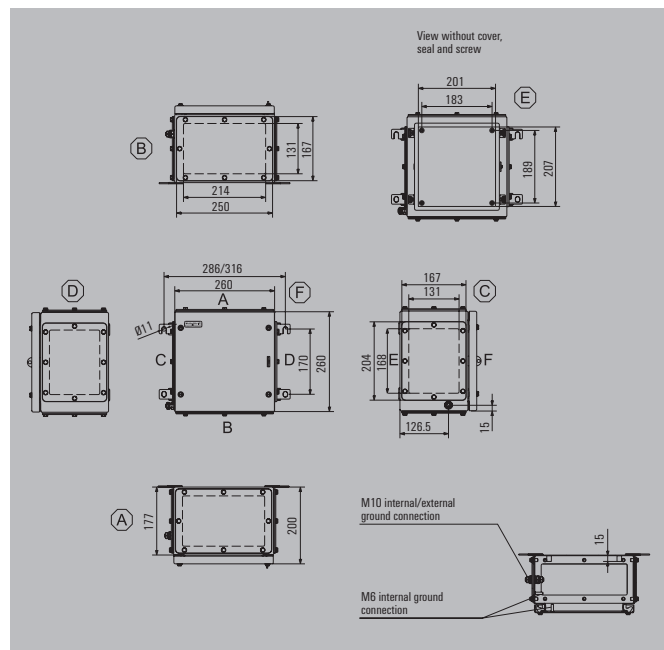
Ordering data

Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom side (B)	1194660000
2 gland plates - top and bottom sides (A & B)	1194670000
3 gland plates - bottom, left and right sides (B, C & D)	1194680000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1194690000
Note	Painted sheet steel enclosure available on request. The colours of painted enclosures may vary under certain circumstances.

Accessories

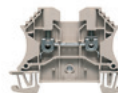
Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1193950000
Stainless steel 1.4301	1193820000
With hole pattern, natural stainless steel 1.4301	1257660000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256320000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256330000
Mounting screw, stainless steel 1.4404	1253230000
Mirror-polish Stainless steel 1.4301 rain hood (2R)	
	1281380000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	1252780000
For DIN A5 size documents	
For DIN A4 size documents	
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000
Padlock with two keys	
Stainless steel 1.4301	0905680000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm ²	2x35	2x34
4 mm ²	1x30	1x29
6 mm ²	1x22	1x22
10 mm ²	1x18	1x17
16 mm ²	1x15	1x14
35 mm ²		



Note

*For enclosure versions with zero, one or two gland plates, the horizontal gap between the mounting feet is reduced by 30 mm.
 Assembly with terminal blocks provides for 10 mm clearance to the ends of the mounting rail.
 Recommended order:
 TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal) ZDU 2.5 1808510000 / (tension clamp terminal) PDU 2.5 1896110000
 TS 32 mounting rail (screw terminal) SAK 2.5 0279680000
 TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

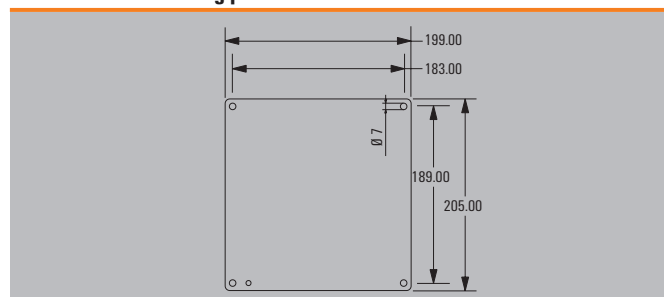
Number of cable entries

Number of cable entries	A / B	C / D
M12	33	25
M16	22	16
M20	14	11
M25	12	9
M32	6	4
M40	5	4
M50	2	2
M63	2	1
M75	1	1

Note

Our IP 68 brass cable glands serve as a reference for these recommended values.

Dimensions of mounting plate



Klippon® TB MH 303015

Depth 150 mm



Height/Width/Depth 306 / 306 / 150 mm

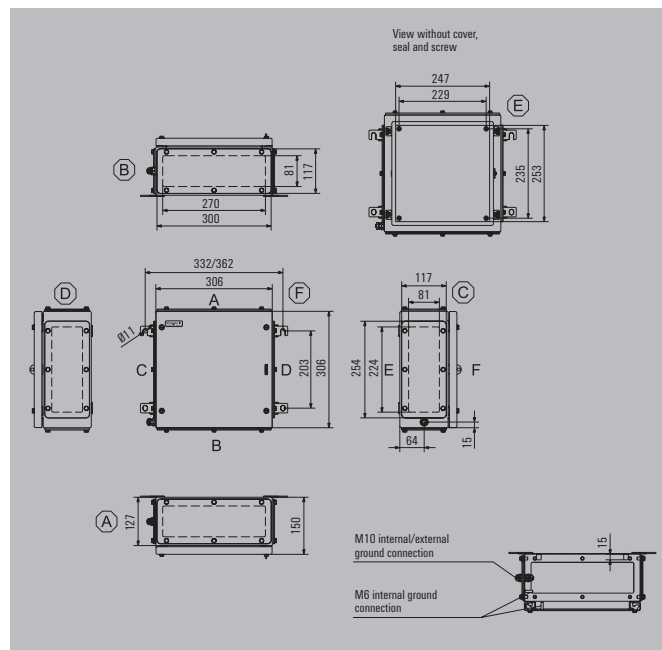
Ordering data

Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom side (B)	1194710000
2 gland plates - top and bottom sides (A & B)	1194720000
3 gland plates - bottom, left and right sides (B, C & D)	1194730000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1194740000
Note	Painted sheet steel enclosure available on request. The colours of painted enclosures may vary under certain circumstances.

Accessories

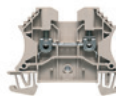
Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1193960000
Stainless steel 1.4301	1193830000
With hole pattern, natural stainless steel 1.4301	1257670000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256340000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256350000
Mounting screw, stainless steel 1.4404	1253230000
Mirror-polish Stainless steel 1.4301 rain hood (2R)	
	1281390000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	1252780000
For DIN A5 size documents	
For DIN A4 size documents	
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000
Padlock with two keys	
Stainless steel 1.4301	0905680000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm ²	2x44	2x43
4 mm ²	2x37	2x36
6 mm ²	2x28	2x27
10 mm ²	1x22	1x22
16 mm ²	1x19	1x18
35 mm ²	1x14	1x13



Note

*For enclosure versions with zero, one or two gland plates, the horizontal gap between the mounting feet is reduced by 30 mm.
 Assembly with terminal blocks provides for 10 mm clearance to the ends of the mounting rail.
 Recommended order:
 TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal)
 ZDU 2.5 1608510000 / (tension clamp terminal) PDU 2.5 1896110000
 TS 32 mounting rail (screw terminal) SAK 2.5 0279660000
 TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

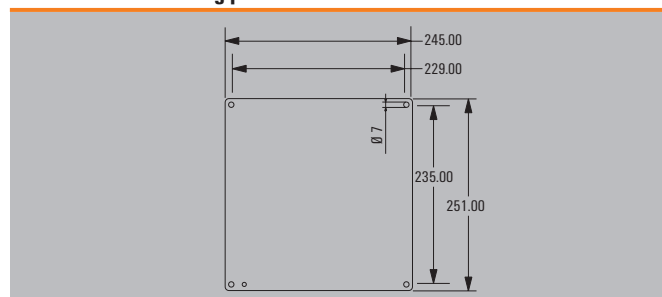
Number of cable entries

Number of cable entries	A / B	C / D
M12	24	20
M16	13	11
M20	11	9
M25	5	4
M32	4	3
M40	3	3
M50	3	2
M63	0	0
M75	0	0

Note

Our IP 68 brass cable glands are used as the reference for these guideline values.

Dimensions of mounting plate





Height/Width/Depth 306 / 306 / 200 mm

Ordering data

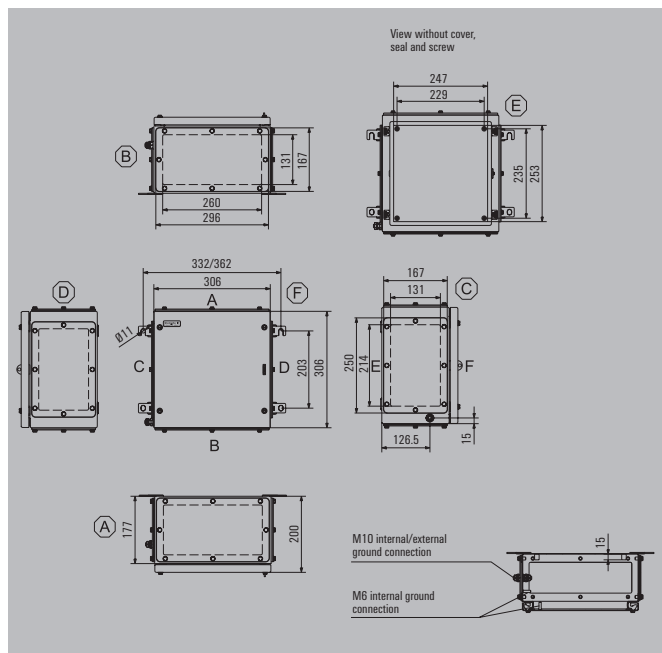
Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom side (B)	1194760000
2 gland plates - top and bottom sides (A & B)	1194770000
3 gland plates - bottom, left and right sides (B, C & D)	1194780000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1194790000

Note Painted sheet steel enclosure available on request. The colours of painted enclosures may vary under certain circumstances.

Accessories

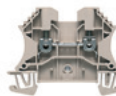
Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1193960000
Stainless steel 1.4301	1193830000
With hole pattern, natural stainless steel 1.4301	1257670000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256360000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256370000
Mounting screw, stainless steel 1.4404	1253230000
Mirror-polish Stainless steel 1.4301 rain hood (2R)	
	1281400000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	1252780000
For DIN A5 size documents	
For DIN A4 size documents	
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000
Padlock with two keys	
Stainless steel 1.4301	0905680000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm ²	2x44	2x43
4 mm ²	2x37	2x36
6 mm ²	2x28	2x27
10 mm ²	1x22	1x22
16 mm ²	1x19	1x18
35 mm ²	1x14	1x13



Note

*For enclosure versions with zero, one or two gland plates, the horizontal gap between the mounting feet is reduced by 30 mm.
 Assembly with terminal blocks provides for 10 mm clearance to the ends of the mounting rail.
 Recommended order:
 TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal) ZDU 2.5 1808510000 / (tension clamp terminal) PDU 2.5 1896110000
 TS 32 mounting rail (screw terminal) SAK 2.5 0279680000
 TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

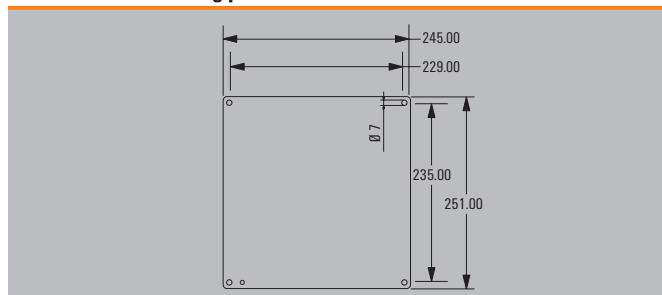
Number of cable entries

Number of cable entries	A / B	C / D
M12	40	33
M16	26	22
M20	17	14
M25	14	12
M32	8	6
M40	6	5
M50	3	2
M63	2	2
M75	2	1

Note

Our IP 68 brass cable glands serve as a reference for these recommended values.

Dimensions of mounting plate



Klippon® TB MH 352615

Depth 150 mm



Height/Width/Depth 350 / 260 / 150 mm

Ordering data

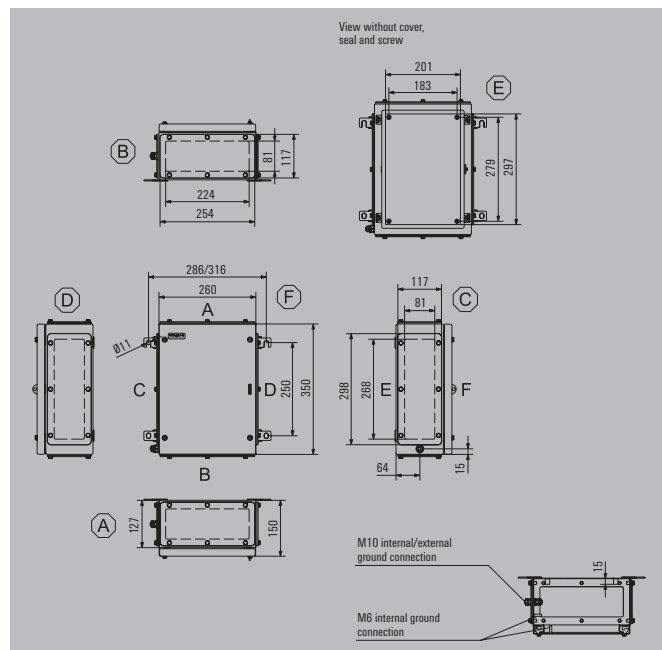
Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom side (B)	1194810000
2 gland plates - top and bottom sides (A & B)	1194820000
3 gland plates - bottom, left and right sides (B, C & D)	1194830000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1194840000

Note Painted sheet steel enclosure available on request. Standard colour is similar to RAL 7035.

Accessories

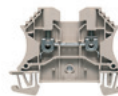
Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1193970000
Stainless steel 1.4301	1193840000
With hole pattern, natural stainless steel 1.4301	1257680000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256380000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256390000
Mounting screw, stainless steel 1.4404	1253230000
Mirror-polish Stainless steel 1.4301 rain hood (2R)	
	1281410000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	1252780000
For DIN A5 size documents	
For DIN A4 size documents	
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000
Padlock with two keys	
Stainless steel 1.4301	0905680000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm ²	2x53	2x34
4 mm ²	1x44	2x29
6 mm ²	1x33	2x22
10 mm ²	1x27	2x17
16 mm ²	1x22	1x14
35 mm ²		1x11



Note

*For enclosure versions with zero, one or two gland plates, the horizontal gap between the mounting feet is reduced by 30 mm.
Assembly with terminal blocks provides for 10 mm clearance to the ends of the mounting rail.
Recommended order:
TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal) ZDU 2.5 1808510000 / (tension clamp terminal) PDU 2.5 1896110000
TS 32 mounting rail (screw terminal) SAK 2.5 0279680000
TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

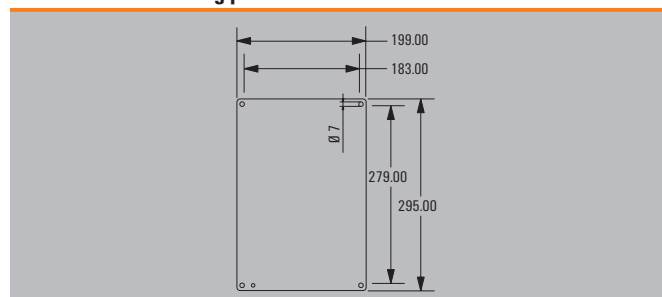
Number of cable entries

Number of cable entries	A / B	C / D
M12	20	23
M16	11	13
M20	9	11
M25	4	5
M32	3	4
M40	3	3
M50	2	3
M63	0	0
M75	0	0

Note

Our IP 68 brass cable glands are used as the reference for these guideline values.

Dimensions of mounting plate





Height/Width/Depth 350 / 260 / 200 mm

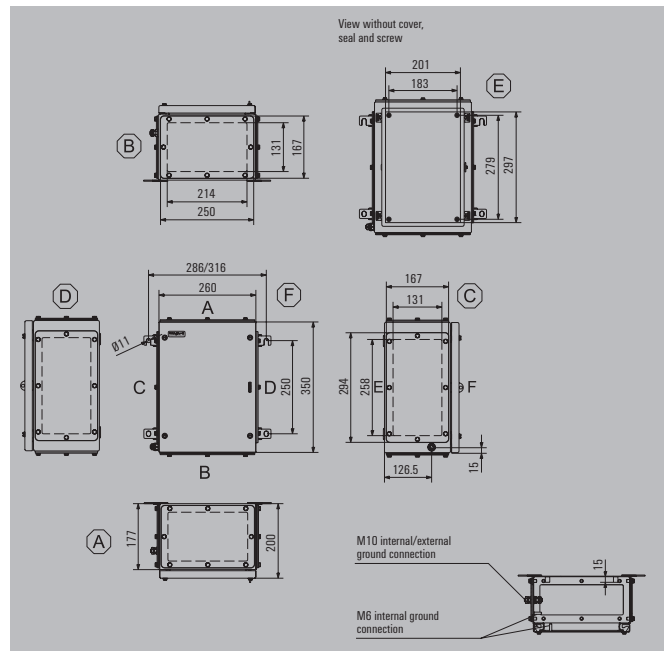
Ordering data

Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom side (B)	1194860000
2 gland plates - top and bottom sides (A & B)	1194870000
3 gland plates - bottom, left and right sides (B, C & D)	1194880000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1194890000
Note	Painted sheet steel enclosure available on request. Standard colour is similar to RAL 7035.

Accessories

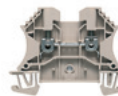
Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1193970000
Stainless steel 1.4301	1193840000
With hole pattern, natural stainless steel 1.4301	1257680000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256410000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256420000
Mounting screw, stainless steel 1.4404	1253230000
Mirror-polish Stainless steel 1.4301 rain hood (2R)	
	1281420000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	1252780000
For DIN A5 size documents	
For DIN A4 size documents	
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000
Padlock with two keys	
Stainless steel 1.4301	0905680000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm²	2x53	2x34
4 mm²	1x44	2x29
6 mm²	1x33	2x22
10 mm²	1x27	2x17
16 mm²	1x22	1x14
35 mm²		1x11



Note

*For enclosure versions with zero, one or two gland plates, the horizontal gap between the mounting feet is reduced by 30 mm.
Assembly with terminal blocks provides for 10 mm clearance to the ends of the mounting rail.
Recommended order:
TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal) ZDU 2.5 1608510000 / (tension clamp terminal) PDU 2.5 1896110000
TS 32 mounting rail (screw terminal) SAK 2.5 0279660000
TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

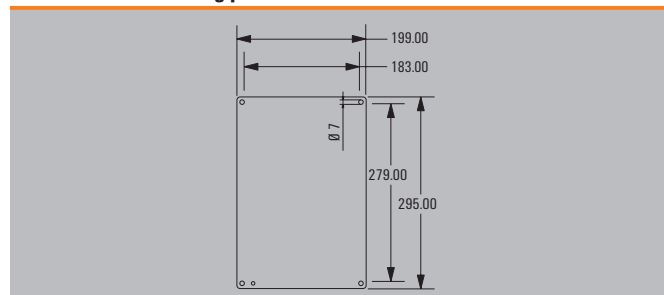
Number of cable entries

Number of cable entries	A / B	C / D
M12	33	38
M16	22	26
M20	14	17
M25	12	14
M32	6	7
M40	5	6
M50	2	3
M63	2	2
M75	1	2

Note

Our IP 68 brass cable glands serve as a reference for these recommended values.

Dimensions of mounting plate



Klippon® TB MH 403015

Depth 150 mm



Height/Width/Depth 400 / 300 / 150 mm

Ordering data

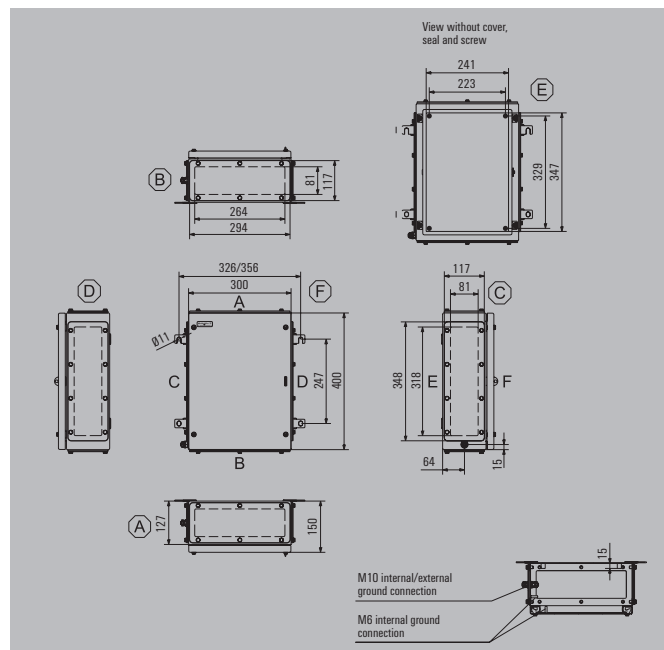
Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom side (B)	1194910000
2 gland plates - top and bottom sides (A & B)	1194920000
3 gland plates - bottom, left and right sides (B, C & D)	1194930000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1194940000

Note Painted sheet steel enclosure available on request. Standard colour is similar to RAL 7035.

Accessories

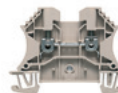
Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1193980000
Stainless steel 1.4301	1193850000
With hole pattern, natural stainless steel 1.4301	1257690000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256430000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256440000
Mounting screw, stainless steel 1.4404	1253230000
Mirror-polish Stainless steel 1.4301 rain hood (2R)	
	1281430000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	1252780000
For DIN A5 size documents	
For DIN A4 size documents	
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000
Padlock with two keys	
Stainless steel 1.4301	0905680000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm ²	2x62	3x42
4 mm ²	2x52	3x35
6 mm ²	1x39	2x26
10 mm ²	1x32	2x21
16 mm ²	1x26	2x18
35 mm ²	1x20	1x13



Note

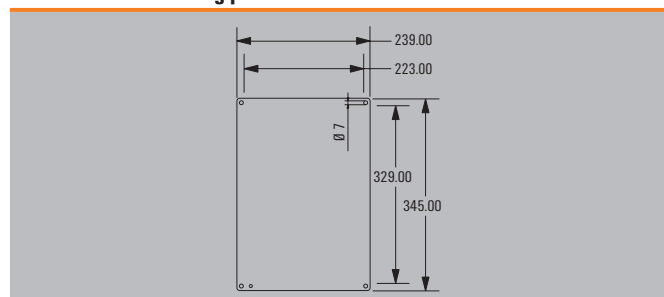
*For enclosure versions with zero, one or two gland plates, the horizontal gap between the mounting feet is reduced by 30 mm.
Assembly with terminal blocks provides for 10 mm clearance to the ends of the mounting rail.
Recommended order:
TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal) ZDU 2.5 1608510000 / (tension clamp terminal) PDU 2.5 1896110000
TS 32 mounting rail (screw terminal) SAK 2.5 0279660000
TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

Number of cable entries

Number of cable entries	A / B	C / D
M12	23	29
M16	13	16
M20	11	13
M25	5	6
M32	4	5
M40	3	4
M50	3	3
M63	0	0
M75	0	0

Note Our IP 68 brass cable glands are used as the reference for these guideline values.

Dimensions of mounting plate





Height/Width/Depth	400 / 300 / 200 mm
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Ordering data

Stainless steel 1.4404 316L, electropolished		Order No.
	1 gland plate - bottom side (B)	1194960000
	2 gland plates - top and bottom sides (A & B)	1194970000
	3 gland plates - bottom, left and right sides (B, C & D)	1194980000
	4 gland plates - top, bottom, left and right sides (A, B, C & D)	1194990000
Note	Painted sheet steel enclosure available on request. Standard colour is similar to RAL 7035.	

Note Painted sheet steel enclosure available on request. Standard colour is similar to RAL 7035.

Accessories

Mounting plates and fastening screws		Order No.
	Steel sheet, zinc plated	1193980000
	Stainless steel 1.4301	1193850000
	With hole pattern, natural stainless steel 1.4301	1257690000
	Fastening screws for mounting plates	0642600000
	Fastening screws for terminal rails	1274150000

Stainless steel spacer M6 x 8, Set of 4

10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000

Gland plates and screws - 6 mm

Top and bottom sides (A & B), electropolished stainless steel	1.4404	1256450000
Left and right sides (C & D), electropolished stainless steel	1.4404	1256470000
Mounting screw, stainless steel	1.4404	1253230000

Mirror-polish Stainless steel 1.4301 rain hood (2R)

1281440000

Label holder

70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000

Document holder

For DIN A6 size documents	1252780000
For DIN A5 size documents	
For DIN A4 size documents	

Set of fixings

For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000

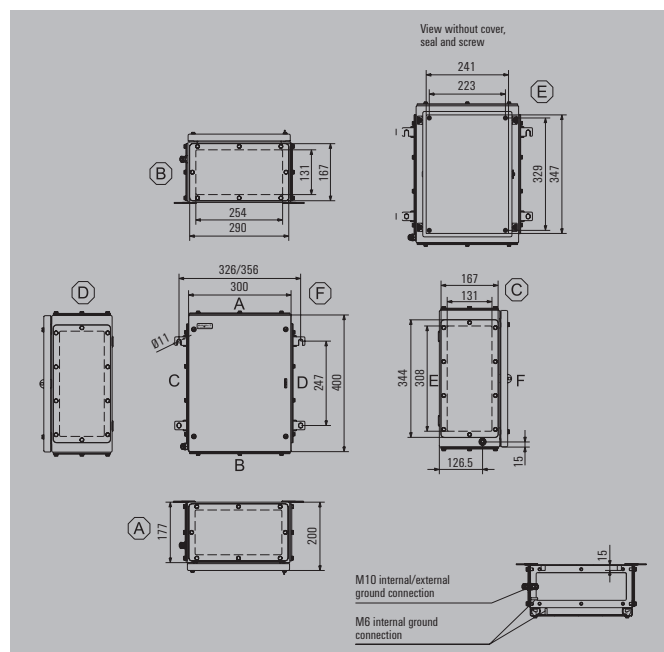
Earthing stud

Stainless steel 1.4404	1192690000
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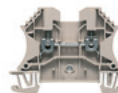
Padlock with two keys

Stainless steel 1.4301	0905680000
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Note

**Max. number of terminals (industry)**

Max. number of terminals (industry)		vertical	horizontal
	2.5 mm ²	2x62	3x42
	4 mm ²	2x52	3x35
	6 mm ²	1x39	2x26
	10 mm ²	1x32	2x21
	16 mm ²	1x26	2x18
	35 mm ²	1x20	1x13



Note

For enclosure versions with zero, one or two gland plates, the horizontal gap between the mounting feet is reduced by 30 mm.
Assembly with terminal blocks provides for 10 mm clearance to the ends of the mounting rail.
Recommended order:
TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal)
ZDU 2.5 1608510000 / (tension clamp terminal) DPU 2.5 1896110000
TS 32 mounting rail (screw terminal) SAK 2.5 0279660000
TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

Number of cable entries

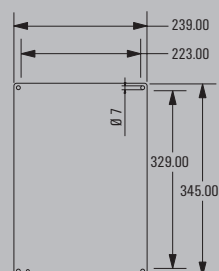
Number of cable entries			
		A / B	C / D
	M12	38	48
	M16	26	32
	M20	17	20
	M25	14	17
	M32	7	9
	M40	6	7
	M50	3	3
	M63	2	3
	M75	2	2



Note

Our IP 68 brass cable glands serve as a reference for these recommended values.

Dimensions of mounting plate



Klippon® TB MH 453815

Depth 150 mm



Height/Width/Depth 458 / 382 / 150 mm

Ordering data

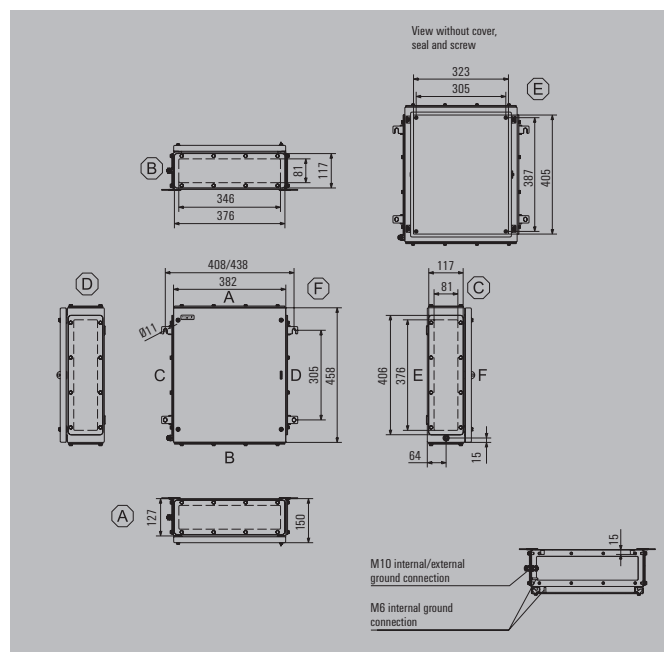
Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom side (B)	1195010000
2 gland plates - top and bottom sides (A & B)	1195020000
3 gland plates - bottom, left and right sides (B, C & D)	1195030000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1195040000

Note Painted sheet steel enclosure available on request. Standard colour is similar to RAL 7035.

Accessories

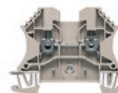
Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1193990000
Stainless steel 1.4301	1193860000
With hole pattern, natural stainless steel 1.4301	1257700000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256480000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256490000
Mounting screw, stainless steel 1.4404	1253230000
Mirror-polish Stainless steel 1.4301 rain hood (2R)	
	1281450000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	1252780000
For DIN A5 size documents	1252750000
For DIN A4 size documents	
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000
Padlock with two keys	
Stainless steel 1.4301	0905680000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm ²	3x73	4x58
4 mm ²	2x62	3x48
6 mm ²	2x46	3x36
10 mm ²	2x37	2x29
16 mm ²	2x31	2x24
35 mm ²	1x23	1x18



Note

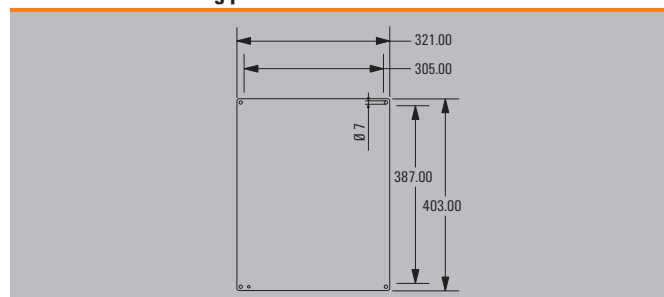
*For enclosure versions with zero, one or two gland plates, the horizontal gap between the mounting feet is reduced by 30 mm.
Assembly with terminal blocks provides for 10 mm clearance to the ends of the mounting rail.
Recommended order:
TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal) ZDU 2.5 1808510000 / (tension clamp terminal) PDU 2.5 1896110000
TS 32 mounting rail (screw terminal) SAK 2.5 0279680000
TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

Number of cable entries

Number of cable entries	A / B	C / D
M12	30	33
M16	17	19
M20	15	16
M25	6	7
M32	5	6
M40	4	5
M50	4	4
M63	0	0
M75	0	0

Note Our IP 68 brass cable glands serve as a reference for these recommended values.

Dimensions of mounting plate





Height/Width/Depth 458 / 382 / 200 mm

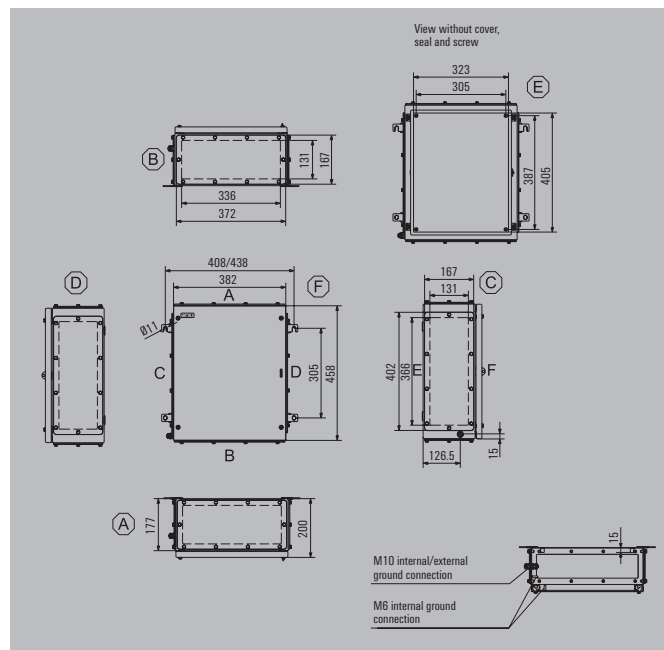
Ordering data

Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom side (B)	1195060000
2 gland plates - top and bottom sides (A & B)	1195070000
3 gland plates - bottom, left and right sides (B, C & D)	1195080000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1195090000
Note	Painted sheet steel enclosure available on request. Standard colour is similar to RAL 7035.

Accessories

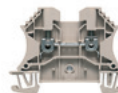
Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1193990000
Stainless steel 1.4301	1193860000
With hole pattern, natural stainless steel 1.4301	1257700000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256510000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256520000
Mounting screw, stainless steel 1.4404	1253230000
Mirror-polish Stainless steel 1.4301 rain hood (2R)	
	1281460000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	1252780000
For DIN A5 size documents	1252750000
For DIN A4 size documents	
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000
Padlock with two keys	
Stainless steel 1.4301	0905680000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm ²	3x73	4x58
4 mm ²	2x62	3x48
6 mm ²	2x46	3x36
10 mm ²	2x37	2x29
16 mm ²	2x31	2x24
35 mm ²	1x23	1x18



Note

*For enclosure versions with zero, one or two gland plates, the horizontal gap between the mounting feet is reduced by 30 mm.
 Assembly with terminal blocks provides for 10 mm clearance to the ends of the mounting rail.
 Recommended order:
 TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal)
 ZDU 2.5 1608510000 / (tension clamp terminal) PDU 2.5 1896110000
 TS 32 mounting rail (screw terminal) SAK 2.5 0279660000
 TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

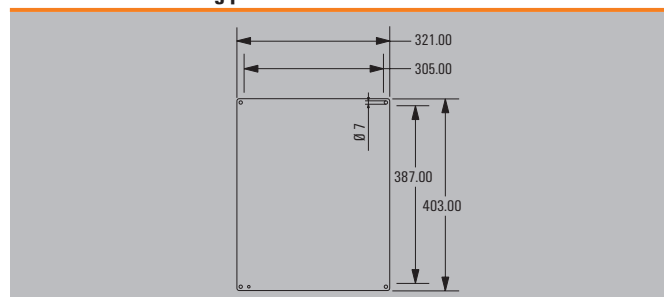
Number of cable entries

Number of cable entries	A / B	C / D
M12	50	55
M16	34	38
M20	23	24
M25	18	21
M32	10	11
M40	8	9
M50	4	4
M63	3	3
M75	2	3

Note

Our IP 68 brass cable glands are used as the reference for these guideline values.

Dimensions of mounting plate



Klippon® TB MH 484815

Depth 150 mm



Height/Width/Depth 480 / 480 / 150 mm

Ordering data

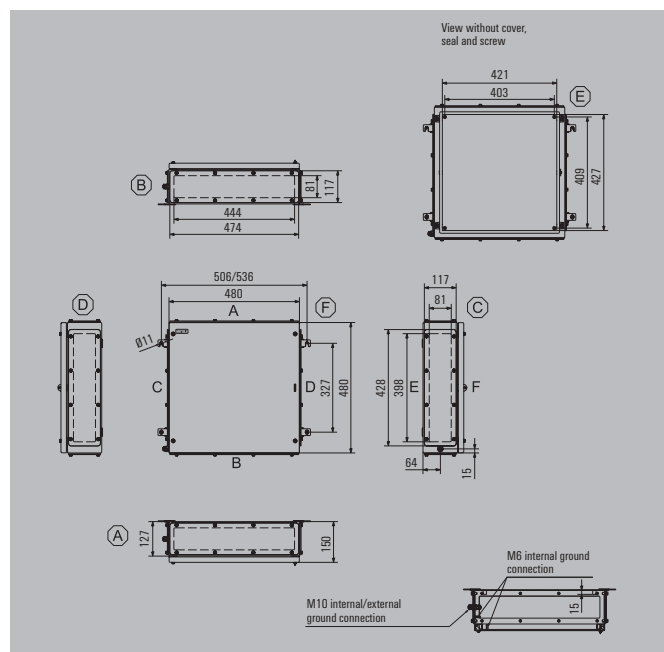
Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom side (B)	1195110000
2 gland plates - top and bottom sides (A & B)	1195120000
3 gland plates - bottom, left and right sides (B, C & D)	1195130000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1195140000

Note Painted sheet steel enclosure available on request. Standard colour is similar to RAL 7035.

Accessories

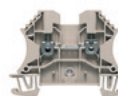
Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1194000000
Stainless steel 1.4301	1193870000
With hole pattern, natural stainless steel 1.4301	1257710000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256530000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256540000
Mounting screw, stainless steel 1.4404	1253230000
Mirror-polish Stainless steel 1.4301 rain hood (2R)	
	1281470000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	1252780000
For DIN A5 size documents	1252750000
For DIN A4 size documents	1252730000
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000
Padlock with two keys	
Stainless steel 1.4301	0905680000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm ²	4x78	4x77
4 mm ²	3x65	3x64
6 mm ²	3x49	3x48
10 mm ²	2x39	3x39
16 mm ²	2x33	2x32
35 mm ²	1x25	2x24



Note

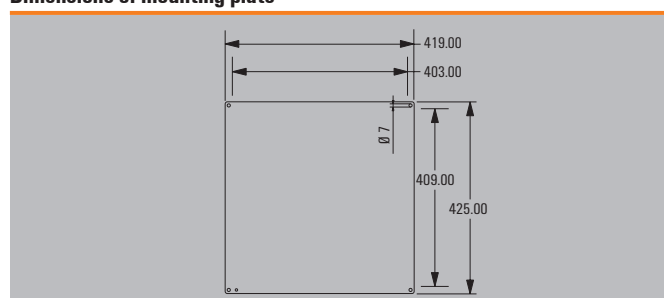
*For enclosure versions with zero, one or two gland plates, the horizontal gap between the mounting feet is reduced by 30 mm.
Assembly with terminal blocks provides for 10 mm clearance to the ends of the mounting rail.
Recommended order:
TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal) ZDU 2.5 1808510000 / (tension clamp terminal) PDU 2.5 1896110000
TS 32 mounting rail (screw terminal) SAK 2.5 0279660000
TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

Number of cable entries

Number of cable entries	A / B	C / D
M12	39	36
M16	22	20
M20	19	17
M25	8	7
M32	7	6
M40	6	5
M50	5	4
M63	0	0
M75	0	0

Note Our IP 68 brass cable glands serve as a reference for these recommended values.

Dimensions of mounting plate





Height/Width/Depth 480 / 480 / 200 mm

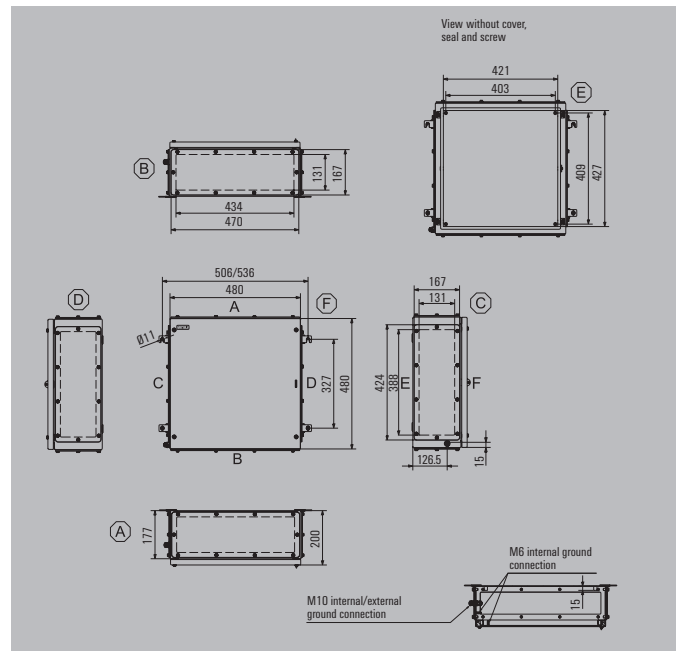
Ordering data

Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom side (B)	1195160000
2 gland plates - top and bottom sides (A & B)	1195170000
3 gland plates - bottom, left and right sides (B, C & D)	1195180000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1195190000
Note	Painted sheet steel enclosure available on request. Standard colour is similar to RAL 7035.

Accessories

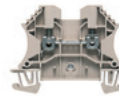
Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1194000000
Stainless steel 1.4301	1193870000
With hole pattern, natural stainless steel 1.4301	1257710000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256550000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256560000
Mounting screw, stainless steel 1.4404	1253230000
Mirror-polish Stainless steel 1.4301 rain hood (2R)	
	1281480000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	1252780000
For DIN A5 size documents	1252750000
For DIN A4 size documents	1252730000
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000
Padlock with two keys	
Stainless steel 1.4301	0905680000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm ²	4x78	4x77
4 mm ²	3x65	3x64
6 mm ²	3x49	3x48
10 mm ²	2x39	3x39
16 mm ²	2x33	2x32
35 mm ²	1x25	2x24



Note

*For enclosure versions with zero, one or two gland plates, the horizontal gap between the mounting feet is reduced by 30 mm.
 Assembly with terminal blocks provides for 10 mm clearance to the ends of the mounting rail.
 Recommended order:
 TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal)
 ZDU 2.5 1608510000 / (tension clamp terminal) PDU 2.5 1896110000
 TS 32 mounting rail (screw terminal) SAK 2.5 0279660000
 TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

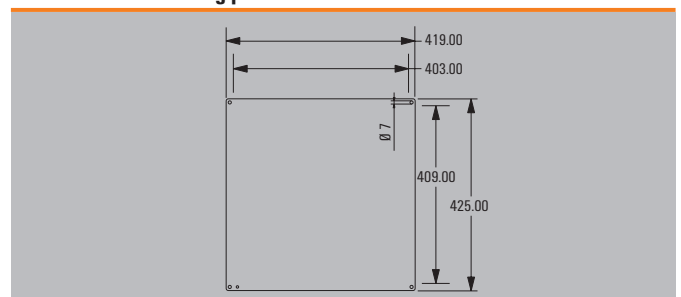
Number of cable entries

Number of cable entries	A / B	C / D
M12	65	60
M16	44	40
M20	29	26
M25	24	21
M32	13	12
M40	11	10
M50	5	4
M63	4	4
M75	3	3

Note

Our IP 68 brass cable glands are used as the reference for these guideline values.

Dimensions of mounting plate



Klippon® TB MH 553515

Depth 150 mm



Height/Width/Depth 550 / 350 / 150 mm

Ordering data

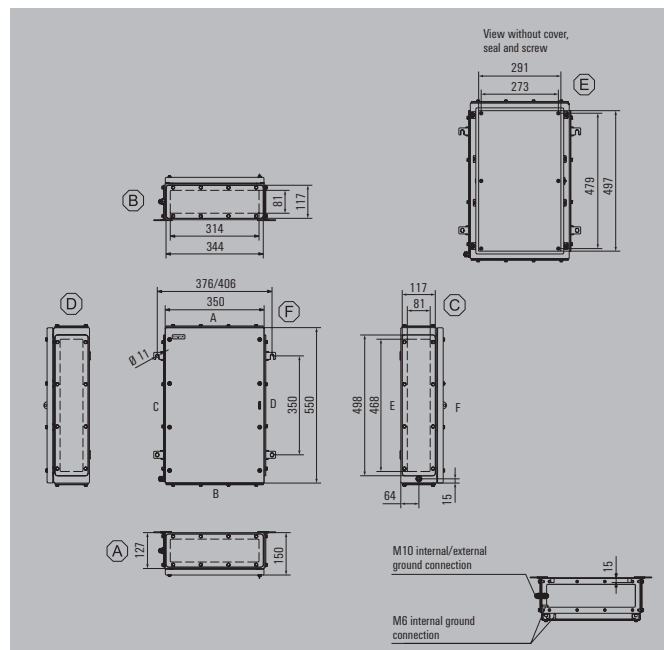
Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom side (B)	1195210000
2 gland plates - top and bottom sides (A & B)	1195220000
3 gland plates - bottom, left and right sides (B, C & D)	1195230000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1195240000

Note Painted sheet steel enclosure available on request. Standard colour is similar to RAL 7035.

Accessories

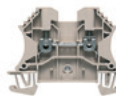
Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1194010000
Stainless steel 1.4301	1193880000
With hole pattern, natural stainless steel 1.4301	1257720000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256570000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256580000
Mounting screw, stainless steel 1.4404	1253230000
Mirror-polish Stainless steel 1.4301 rain hood (2R)	
	1281490000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	1252780000
For DIN A5 size documents	1252750000
For DIN A4 size documents	1252730000
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000
Padlock with two keys	
Stainless steel 1.4301	0905680000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm ²	2x91	4x52
4 mm ²	2x76	4x43
6 mm ²	2x58	4x32
10 mm ²	2x46	3x26
16 mm ²	1x39	3x22
35 mm ²	1x29	2x16



Note

*For enclosure versions with zero, one or two gland plates, the horizontal gap between the mounting feet is reduced by 30 mm.
 Assembly with terminal blocks provides for 10 mm clearance to the ends of the mounting rail.
 Recommended order:
 TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal) ZDU 2.5 1608510000 / (tension clamp terminal) PDU 2.5 1896110000
 TS 32 mounting rail (screw terminal) SAK 2.5 0279660000
 TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

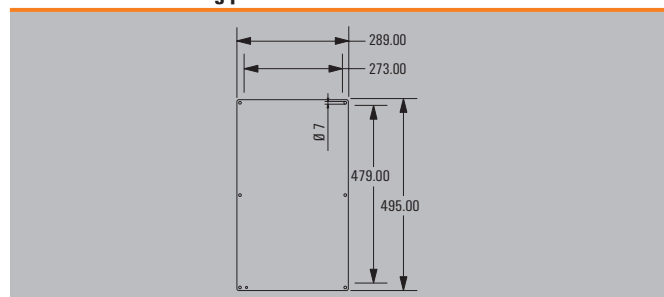
Number of cable entries

Number of cable entries	A / B	C / D
M12	27	42
M16	15	24
M20	13	20
M25	6	9
M32	5	7
M40	4	6
M50	3	5
M63	0	0
M75	0	0

Note

Our IP 68 brass cable glands are used as the reference for these guideline values.

Dimensions of mounting plate





Height/Width/Depth 550 / 350 / 200 mm

Ordering data

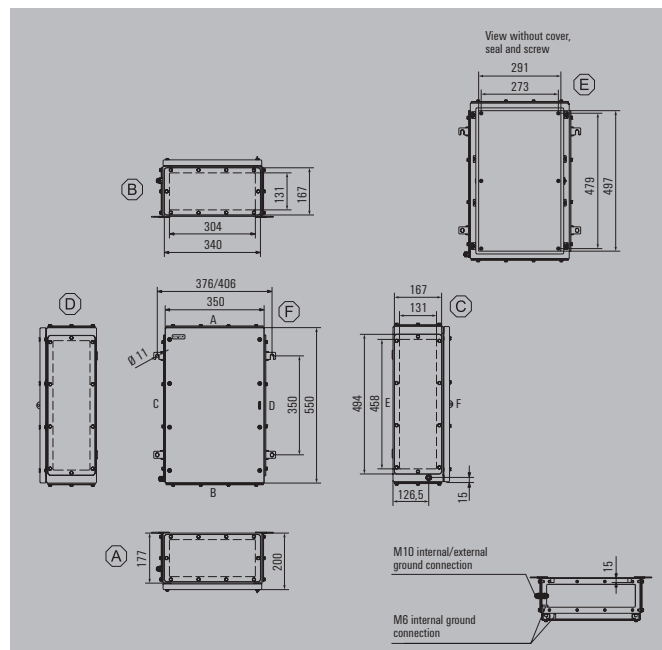
Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom side (B)	1195260000
2 gland plates - top and bottom sides (A & B)	1195270000
3 gland plates - bottom, left and right sides (B, C & D)	1195280000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1195290000

Note Painted sheet steel enclosure available on request. Standard colour is similar to RAL 7035.

Accessories

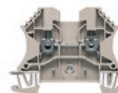
Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1194010000
Stainless steel 1.4301	1193880000
With hole pattern, natural stainless steel 1.4301	1257720000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256590000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256610000
Mounting screw, stainless steel 1.4404	1253230000
Mirror-polish Stainless steel 1.4301 rain hood (2R)	
	1281500000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	1252780000
For DIN A5 size documents	1252750000
For DIN A4 size documents	1252730000
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000
Padlock with two keys	
Stainless steel 1.4301	0905680000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm²	2x91	4x52
4 mm²	2x76	4x43
6 mm²	2x58	4x32
10 mm²	2x46	3x26
16 mm²	1x39	3x22
35 mm²	1x29	2x16



Note

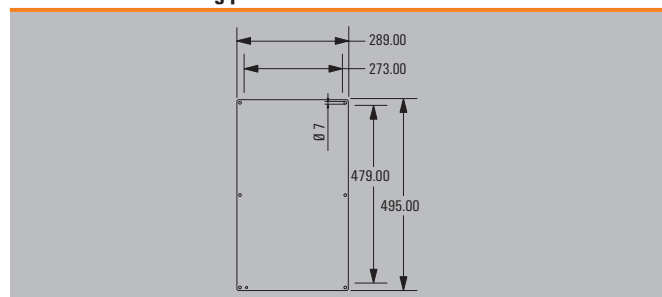
*For enclosure versions with zero, one or two gland plates, the horizontal gap between the mounting feet is reduced by 30 mm.
Assembly with terminal blocks provides for 10 mm clearance to the ends of the mounting rail.
Recommended order:
TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal) ZDU 2.5 1608510000 / (tension clamp terminal) PDU 2.5 1896110000
TS 32 mounting rail (screw terminal) SAK 2.5 0279660000
TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

Number of cable entries

Number of cable entries	A / B	C / D
M12	45	70
M16	30	48
M20	20	30
M25	17	26
M32	9	14
M40	7	12
M50	3	5
M63	3	4
M75	2	3

Note Our IP 68 brass cable glands serve as a reference for these recommended values.

Dimensions of mounting plate



Klippon® TB MH 624515

Depth 150 mm



Height/Width/Depth 620 / 450 / 150 mm

Ordering data

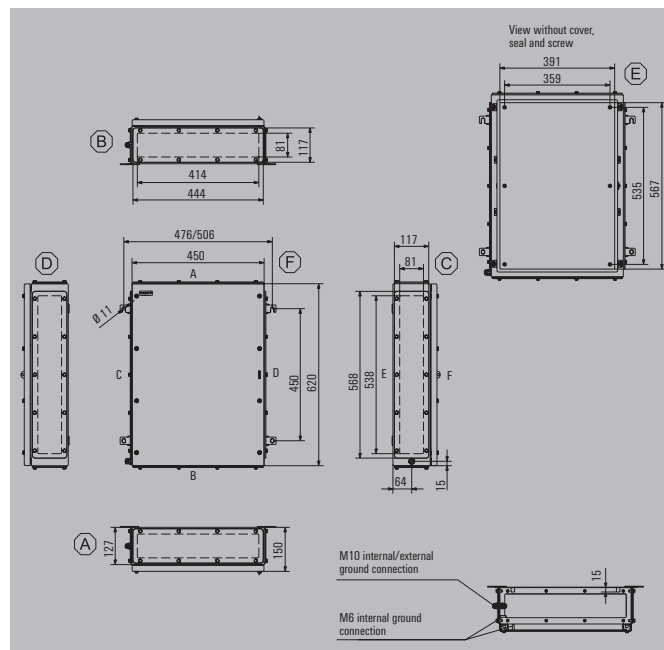
Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom side (B)	1195310000
2 gland plates - top and bottom sides (A & B)	1195320000
3 gland plates - bottom, left and right sides (B, C & D)	1195330000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1195340000

Note Painted sheet steel enclosure available on request. Standard colour is similar to RAL 7035.

Accessories

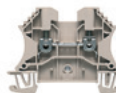
Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1194020000
Stainless steel 1.4301	1193890000
With hole pattern, natural stainless steel 1.4301	1257740000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256620000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256630000
Mounting screw, stainless steel 1.4404	1253230000
Mirror-polish Stainless steel 1.4301 rain hood (2R)	
	1281510000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	1252780000
For DIN A5 size documents	1252750000
For DIN A4 size documents	1252730000
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000
Padlock with two keys	
Stainless steel 1.4301	0905680000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm²	3x105	5x71
4 mm²	3x88	5x59
6 mm²	3x66	4x45
10 mm²	2x53	4x36
16 mm²	2x44	3x30
35 mm²	1x33	2x22



Note

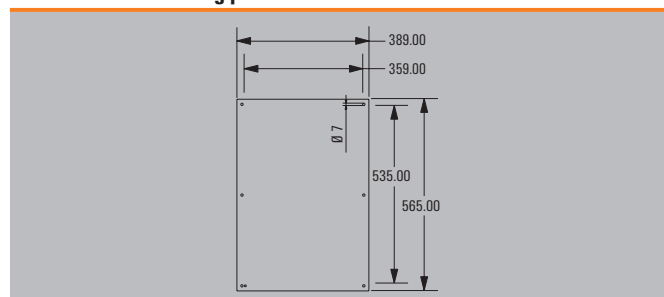
*For enclosure versions with zero, one or two gland plates, the horizontal gap between the mounting feet is reduced by 30 mm.
Assembly with terminal blocks provides for 10 mm clearance to the ends of the mounting rail.
Recommended order:
TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal) ZDU 2.5 1808510000 / (tension clamp terminal) PDU 2.5 1896110000
TS 32 mounting rail (screw terminal) SAK 2.5 0279680000
TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

Number of cable entries

Number of cable entries	A / B	C / D
M12	38	48
M16	21	27
M20	18	24
M25	8	10
M32	6	9
M40	5	7
M50	4	6
M63	0	0
M75	0	0

Note Our IP 68 brass cable glands serve as a reference for these recommended values.

Dimensions of mounting plate





Height/Width/Depth

620 / 450 / 200 mm

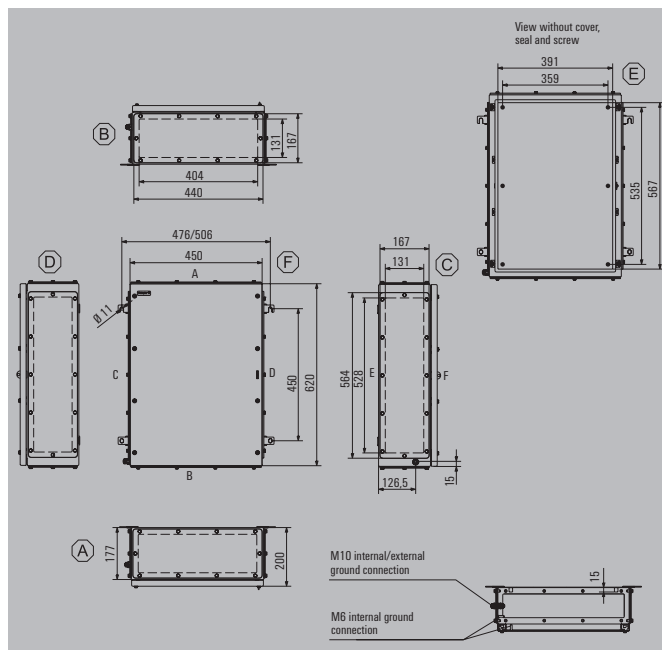
Ordering data

Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom side (B)	1195360000
2 gland plates - top and bottom sides (A & B)	1195370000
3 gland plates - bottom, left and right sides (B, C & D)	1195380000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1195390000
Note Painted sheet steel enclosure available on request. Standard colour is similar to RAL 7035.	

Accessories

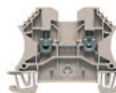
Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1194020000
Stainless steel 1.4301	1193890000
With hole pattern, natural stainless steel 1.4301	1257740000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256640000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256650000
Mounting screw, stainless steel 1.4404	1253230000
Mirror-polish Stainless steel 1.4301 rain hood (2R)	
	1281520000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	1252780000
For DIN A5 size documents	1252750000
For DIN A4 size documents	1252730000
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000
Padlock with two keys	
Stainless steel 1.4301	0905680000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm²	3x105	5x71
4 mm²	3x88	5x59
6 mm²	3x66	4x45
10 mm²	2x53	4x36
16 mm²	2x44	3x30
35 mm²	1x33	2x22



Note

*For enclosure versions with zero, one or two gland plates, the horizontal gap between the mounting feet is reduced by 30 mm.
 Assembly with terminal blocks provides for 10 mm clearance to the ends of the mounting rail.
 Recommended order:
 TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal)
 ZDU 2.5 1608510000 / (tension clamp terminal) PDU 2.5 1896110000
 TS 32 mounting rail (screw terminal) SAK 2.5 0279680000
 TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

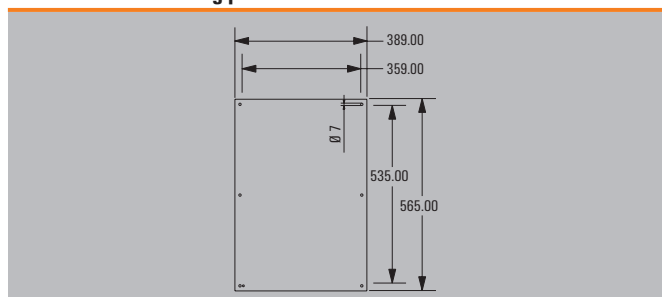
Number of cable entries

Number of cable entries	A / B	C / D
M12	63	80
M16	42	54
M20	27	36
M25	23	30
M32	12	17
M40	10	14
M50	4	6
M63	4	5
M75	3	4

Note

Our IP 68 brass cable glands are used as the reference for these guideline values.

Dimensions of mounting plate



Klippon® TB MH 765015

Depth 150 mm



Height/Width/Depth 762 / 508 / 150 mm

Ordering data

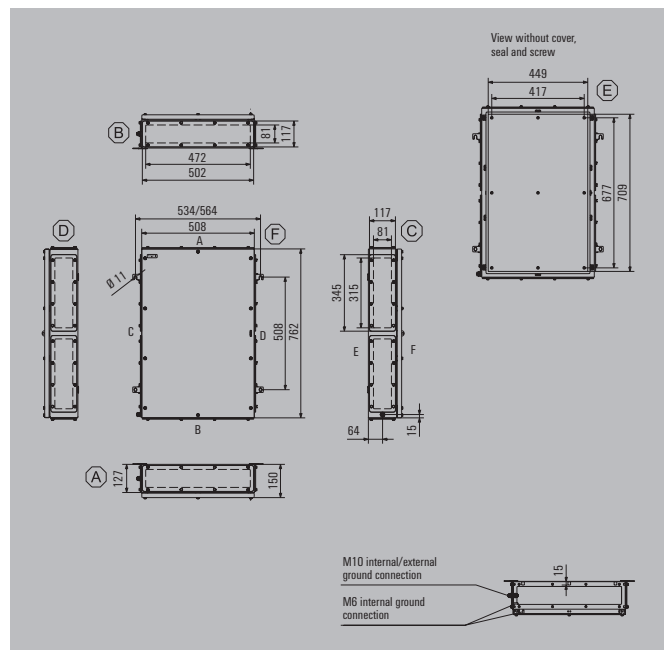
Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom side (B)	1195410000
2 gland plates - top and bottom sides (A & B)	1195420000
3 gland plates - bottom, left and right sides (B, C & D)	1195430000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1195440000

Note Painted sheet steel enclosure available on request. Standard colour is similar to RAL 7035.

Accessories

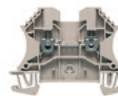
Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1194030000
Stainless steel 1.4301	1193900000
With hole pattern, natural stainless steel 1.4301	1257750000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256660000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256670000
Mounting screw, stainless steel 1.4404	1253230000
Mirror-polish Stainless steel 1.4301 rain hood (2R)	
	1281530000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	1252780000
For DIN A5 size documents	1252750000
For DIN A4 size documents	1252730000
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000
Padlock with two keys	
Stainless steel 1.4301	0905680000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm ²	4x132	7x82
4 mm ²	4x111	6x69
6 mm ²	3x83	5x52
10 mm ²	3x67	5x42
16 mm ²	2x56	4x35
35 mm ²	2x42	3x26



Note

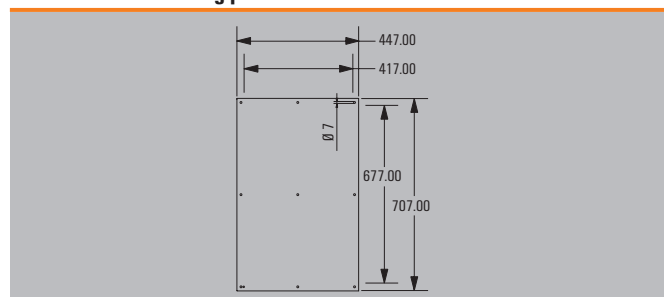
*For enclosure versions with zero, one or two gland plates, the horizontal gap between the mounting feet is reduced by 30 mm.
Assembly with terminal blocks provides for 10 mm clearance to the ends of the mounting rail.
Recommended order:
TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal) ZDU 2.5 1608510000 / (tension clamp terminal) PDU 2.5 1896110000
TS 32 mounting rail (screw terminal) SAK 2.5 0279660000
TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

Number of cable entries

Number of cable entries	A / B	C / D
M12	42	58
M16	24	32
M20	21	26
M25	9	12
M32	7	10
M40	6	8
M50	5	6
M63	0	0
M75	0	0

Note Our IP 68 brass cable glands serve as a reference for these recommended values.

Dimensions of mounting plate





Height/Width/Depth 762 / 508 / 200 mm

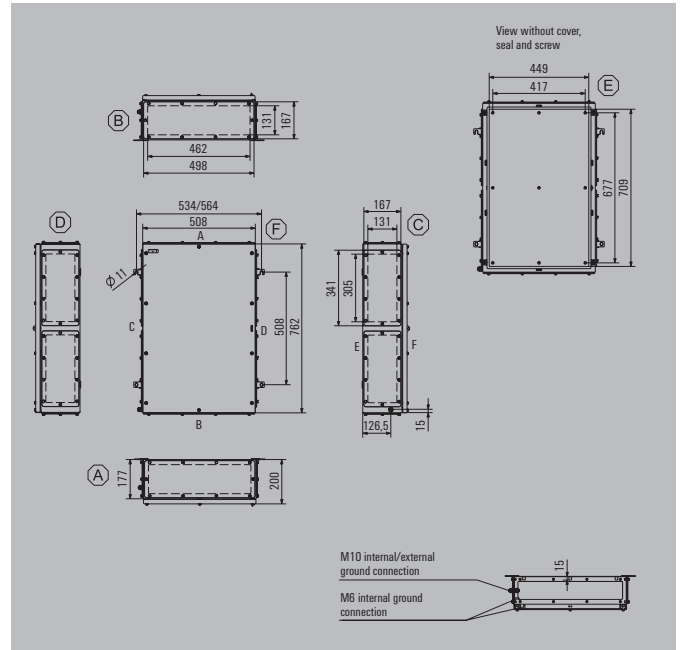
Ordering data

Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom side (B)	1195460000
2 gland plates - top and bottom sides (A & B)	1195470000
3 gland plates - bottom, left and right sides (B, C & D)	1195480000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1195490000
Note	Painted sheet steel enclosure available on request. Standard colour is similar to RAL 7035.

Accessories

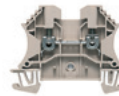
Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1194030000
Stainless steel 1.4301	1193900000
With hole pattern, natural stainless steel 1.4301	1257750000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256680000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256690000
Mounting screw, stainless steel 1.4404	1253230000
Mirror-polish Stainless steel 1.4301 rain hood (2R)	
	1281540000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	1252780000
For DIN A5 size documents	1252750000
For DIN A4 size documents	1252730000
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000
Padlock with two keys	
Stainless steel 1.4301	0905680000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm²	4x132	7x82
4 mm²	4x111	6x69
6 mm²	3x83	5x52
10 mm²	3x67	5x42
16 mm²	2x56	4x35
35 mm²	2x42	3x26



Note

*For enclosure versions with zero, one or two gland plates, the horizontal gap between the mounting feet is reduced by 30 mm.
Assembly with terminal blocks provides for 10 mm clearance to the ends of the mounting rail.
Recommended order:
TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal) ZDU 2.5 1608510000 / (tension clamp terminal) PDU 2.5 1896110000
TS 32 mounting rail (screw terminal) SAK 2.5 0279680000
TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

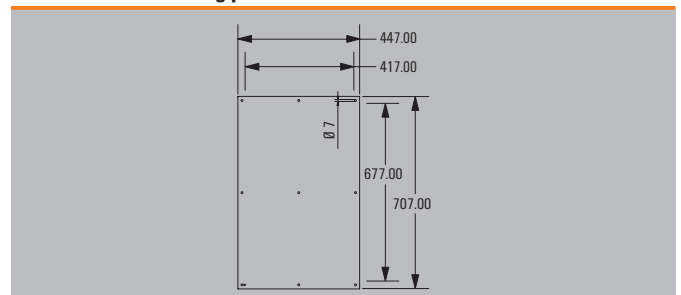
Number of cable entries

Number of cable entries	A / B	C / D
M12	70	96
M16	48	64
M20	32	40
M25	26	34
M32	14	18
M40	12	14
M50	5	6
M63	4	6
M75	3	4

Note

Our IP 68 brass cable glands are used as the reference for these guideline values.

Dimensions of mounting plate



Klippon® TB MH 916115

Depth 150 mm



Height/Width/Depth 914 / 610 / 150 mm

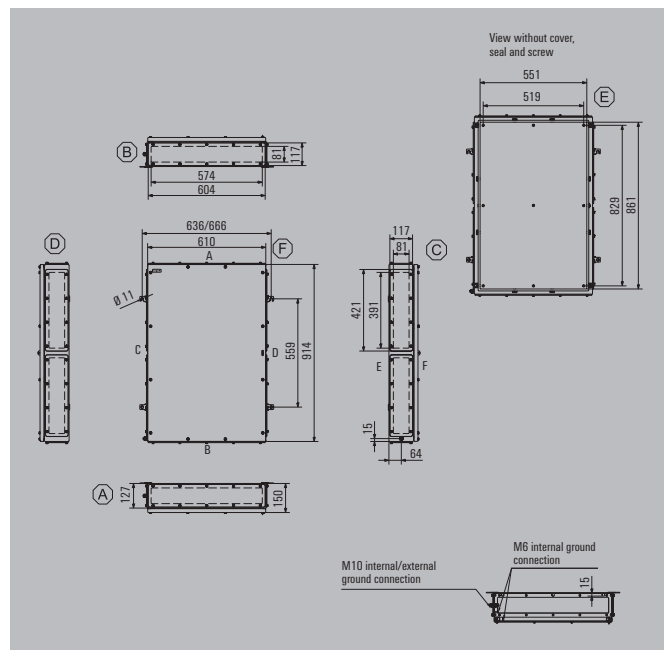
Ordering data

Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom side (B)	1195510000
2 gland plates - top and bottom sides (A & B)	1195520000
3 gland plates - bottom, left and right sides (B, C & D)	1195530000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1195540000
Note	Painted sheet steel enclosure available on request. Standard colour is similar to RAL 7035.

Accessories

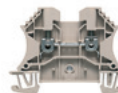
Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1194040000
Stainless steel 1.4301	1193910000
With hole pattern, natural stainless steel 1.4301	1257760000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256710000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256720000
Mounting screw, stainless steel 1.4404	1253230000
Mirror-polish Stainless steel 1.4301 rain hood (2R)	
	1281550000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	1252780000
For DIN A5 size documents	1252750000
For DIN A4 size documents	1252730000
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000
Padlock with two keys	
Stainless steel 1.4301	0905680000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm²	5x161	8x102
4 mm²	4x135	7x85
6 mm²	4x102	7x64
10 mm²	3x82	6x52
16 mm²	3x68	5x43
35 mm²	2x51	4x32



Note

*For enclosure versions with zero, one or two gland plates, the horizontal gap between the mounting feet is reduced by 30 mm.
 Assembly with terminal blocks provides for 10 mm clearance to the ends of the mounting rail.
 Recommended order:
 TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal)
 ZDU 2.5 1608510000 / (tension clamp terminal) PDU 2.5 1896110000
 TS 32 mounting rail (screw terminal) SAK 2.5 0279660000
 TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

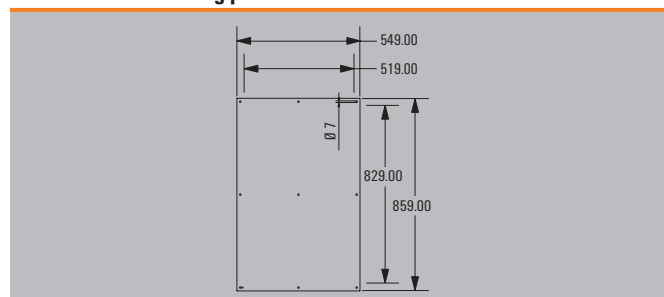
Number of cable entries

Number of cable entries	A / B	C / D
M12	53	70
M16	29	40
M20	25	34
M25	11	14
M32	9	12
M40	8	10
M50	6	8
M63	0	0
M75	0	0

Note

Our IP 68 brass cable glands serve as a reference for these recommended values.

Dimensions of mounting plate





Height/Width/Depth 914 / 610 / 200 mm

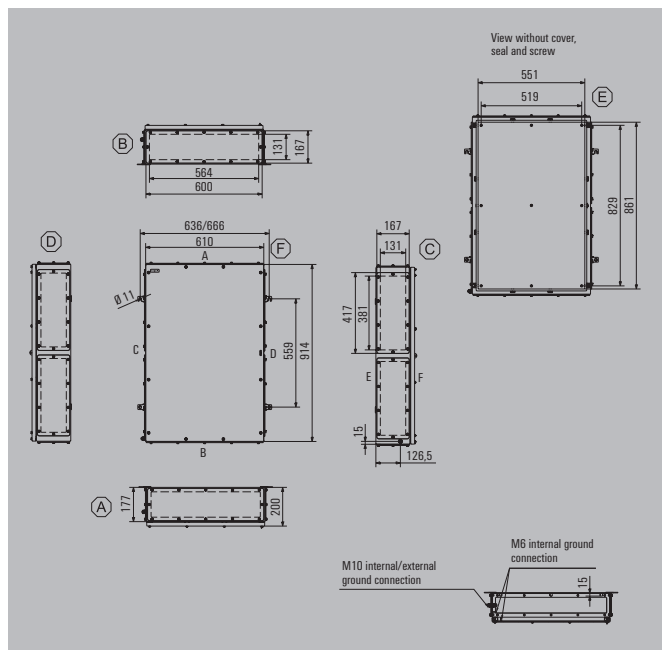
Ordering data

Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom side (B)	1195560000
2 gland plates - top and bottom sides (A & B)	1195570000
3 gland plates - bottom, left and right sides (B, C & D)	1195580000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1195590000
Note	Painted sheet steel enclosure available on request. Standard colour is similar to RAL 7035.

Accessories

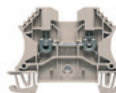
Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1194040000
Stainless steel 1.4301	1193910000
With hole pattern, natural stainless steel 1.4301	1257760000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256730000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256740000
Mounting screw, stainless steel 1.4404	1253230000
Mirror-polish Stainless steel 1.4301 rain hood (2R)	
	1281570000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	1252780000
For DIN A5 size documents	1252750000
For DIN A4 size documents	1252730000
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000
Padlock with two keys	
Stainless steel 1.4301	0905680000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm²	5x161	8x102
4 mm²	4x135	7x85
6 mm²	4x102	7x64
10 mm²	3x82	6x52
16 mm²	3x68	5x43
35 mm²	2x51	4x32



Note

*For enclosure versions with zero, one or two gland plates, the horizontal gap between the mounting feet is reduced by 30 mm.
 Assembly with terminal blocks provides for 10 mm clearance to the ends of the mounting rail.
 Recommended order:
 TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal) ZDU 2.5 1608510000 / (tension clamp terminal) PDU 2.5 1896110000
 TS 32 mounting rail (screw terminal) SAK 2.5 0279660000
 TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

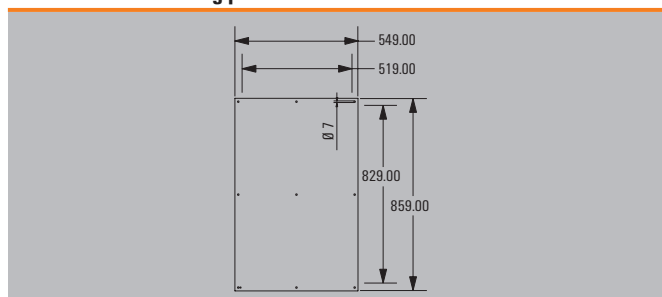
Number of cable entries

Number of cable entries	A / B	C / D
M12	88	116
M16	58	80
M20	38	52
M25	33	42
M32	18	24
M40	15	20
M50	6	8
M63	5	6
M75	4	6

Note

Our IP 68 brass cable glands are used as the reference for these guideline values.

Dimensions of mounting plate



Klippon® TB MH 987420

Depth 200 mm



Height/Width/Depth 980 / 740 / 200 mm

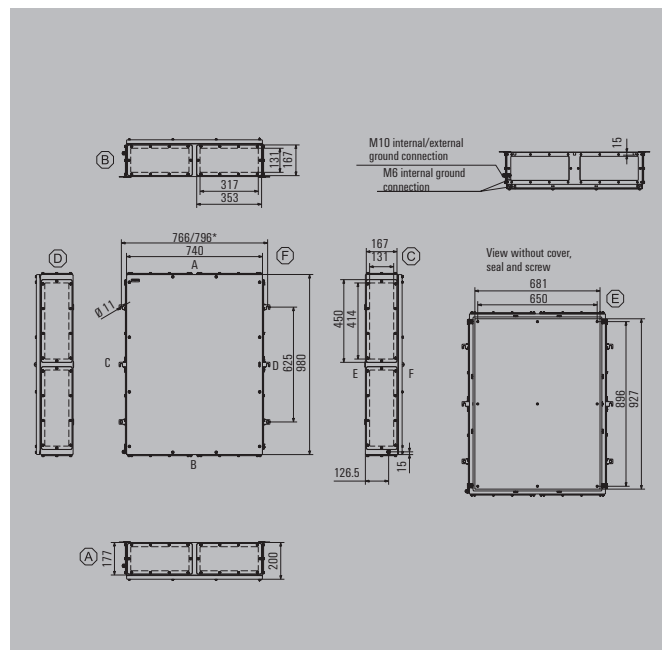
Ordering data

Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom side (B)	1195610000
2 gland plates - top and bottom sides (A & B)	1195620000
3 gland plates - bottom, left and right sides (B, C & D)	1195630000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1195640000
Note	Painted sheet steel enclosure available on request. Standard colour is similar to RAL 7035.

Accessories

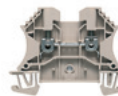
Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1194050000
Stainless steel 1.4301	1193920000
With hole pattern, natural stainless steel 1.4301	1257770000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256750000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256760000
Mounting screw, stainless steel 1.4404	1253230000
Mirror-polish Stainless steel 1.4301 rain hood (2R)	
	1281580000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	1252780000
For DIN A5 size documents	1252750000
For DIN A4 size documents	1252730000
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000
Padlock with two keys	
Stainless steel 1.4301	0905680000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm²	6x174	9x127
4 mm²	6x146	8x106
6 mm²	5x110	7x80
10 mm²	4x88	6x64
16 mm²	4x74	5x54
35 mm²	3x55	4x40



Note

*For enclosure versions with zero, one or two gland plates, the horizontal gap between the mounting feet is reduced by 30 mm.
 Assembly with terminal blocks provides for 10 mm clearance to the ends of the mounting rail.
 Recommended order:
 TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal) ZDU 2.5 1608510000 / (tension clamp terminal) PDU 2.5 1896110000
 TS 32 mounting rail (screw terminal) SAK 2.5 0279680000
 TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

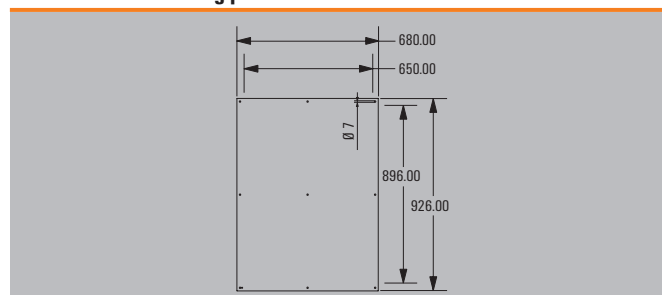
Number of cable entries

Number of cable entries	A / B	C / D
M12	96	126
M16	64	84
M20	42	54
M25	36	48
M32	20	26
M40	16	22
M50	6	10
M63	6	8
M75	4	6

Note

Our IP 68 brass cable glands serve as a reference for these recommended values.

Dimensions of mounting plate



Klippon® TB QL – Quarter Lock

Steel enclosures for use within harsh environments

The Klippon® TB range of enclosures delivers an outstanding performance in the severest conditions and meets the needs of the increasingly stringent requirements of hazardous area applications that can be found in particular in the process and energy industries. The Klippon® TB QL range offers further enhancements to an already successful and market leading product range.

Information about the System accessories – Page 68.

The Klippon® TB QL range of enclosures offers the following advantages:

- Available in 12 sizes and 3 standard depths
- Equipped with up to 4 gland plates
- The gasket is protected against compression
- Quick-locking lid, comes with a slot as standard
- Improved temperature performance
- IP66 protection class
- Earth studs in enclosure cover and bottom section
- Welded mounting feet

Our assembly service can supply these enclosures preassembled with terminals and cable glands according to customer requirements.



Overview of enclosures

Ordering data

Description	Length x width x depth in mm	1 Gland Plate (below)	2 Gland Plates (above + below)	3 Gland Plates (below + sides)	4 Gland Plates (all sides)
KTb QL 221513 S4E_*	229 x 152 x 133	1199860000	1199870000	1199880000	1199890000
KTb QL 262615 S4E_*	260 x 260 x 150	1199910000	1199920000	1199930000	1199940000
KTb QL 262620 S4E_*	260 x 260 x 200	1199960000	1199970000	1199980000	1199990000
KTb QL 303015 S4E_*	306 x 306 x 150	1200020000	1200030000	1200040000	1200050000
KTb QL 303020 S4E_*	306 x 306 x 200	1200070000	1200080000	1200090000	1200100000
KTb QL 352615 S4E_*	350 x 260 x 150	1200120000	1200130000	1200140000	1200150000
KTb QL 352620 S4E_*	350 x 260 x 200	1200170000	1200180000	1200190000	1200210000
KTb QL 403015 S4E_*	400 x 300 x 150	1200230000	1200240000	1200250000	1200260000
KTb QL 403020 S4E_*	400 x 300 x 200	1200280000	1200290000	1200310000	1200320000
KTb QL 453815 S4E_*	458 x 382 x 150	1200340000	1200350000	1200360000	1200370000
KTb QL 453820 S4E_*	458 x 382 x 200	1200390000	1200410000	1200420000	1200430000
KTb QL 484815 S4E_*	480 x 480 x 150	1200450000	1200460000	1200470000	1200480000
KTb QL 484820 S4E_*	480 x 480 x 200	1200510000	1200520000	1200530000	1200540000
KTb QL 553515 S4E_*	550 x 350 x 150	1200560000	1200570000	1200580000	1200590000
KTb QL 553520 S4E_*	550 x 350 x 200	1200620000	1200630000	1200640000	1200650000
KTb QL 624515 S4E_*	620 x 450 x 150	1200670000	1200680000	1200690000	1200710000
KTb QL 624520 S4E_*	620 x 450 x 200	1200730000	1200740000	1200750000	1200760000
KTb QL 765015 S4E_*	762 x 508 x 150	1200780000	1200790000	1200810000	1200820000
KTb QL 765020 S4E_*	762 x 508 x 200	1200840000	1200850000	1200860000	1200870000
KTb QL 916115 S4E_*	914 x 610 x 150	1200890000	1200910000	1200920000	1200930000
KTb QL 916120 S4E_*	914 x 610 x 200	1200950000	1200960000	1200970000	1200980000
KTb QL 987420 S4E_*	980 x 740 x 200	1201010000	1201020000	1201030000	1201040000
Note		* Placeholder for the number of gland plates (1, 2, 3, 4). Klippon® TB QL enclosures are available without gland plates on request.			

Ordering data

Enclosure material	Stainless steel 1.4404 (316L) 1.5 mm
Surface finish	Electropolished
IP protection class	IP 66
NEMA protection classes	3, 4x, 12
Gland plates	1 - 4 (fixed with M6 hexagon head screws and 10 mm heads), optionally without a gland plate
Gland plate thickness	3 mm (other thickness are available on request)
Earthing inside	Enclosure base and lid: welded M6 stainless steel earth studs
Earthing outside	Continuous M10 brass earth stud (optionally with stainless-steel earth stud)
Installation mounting	4 or 9 mounting bolts with M6 threaded holes to attach the mounting plate or mounting rails
Enclosure attachment	4 welded mounting feet with 11-mm holes (2 slotted and 2 cross-shaped openings)
Lid opening	Can be removed completely, lid opening angle 130 °
Cover attachment	Quarter-turn lock with slotted insert (other inserts available on request)
Impact resistance	7 J ATEX applications, 10 J industrial applications
Gasket material	Silicone
Operating temperature range	-60 °C...+135 °C
Lid screws, torque*	2.5 Nm
Note	* For screwing on the cover, we recommend our hexagon 10 mm socket wrench (9009070000)

Approvals for empty enclosures

ATEX certificate	IBExU 14ATEX1028U	GOST Ex	POCC DE.ME92.B02036
ATEX marking	II 2 G Ex e IIC Gb II 2 D Ex tb IIIC Db	cULus	E243298
IECEx certificate	IECEx IBE 14.0004U	Germanischer Lloyd	11534 - 10 HH
IECEx marking	Ex e IIC Gb Ex tb IIIC Db	Russian Maritime Register	10.04095.250
		INMETRO	IEEx 13.0008U
Note	The Klippon® TB QL enclosure range can be pre-fitted in our customer specific production department according to your wishes; as an example, terminals, or other approved components, can be installed as required.		

Approvals for control and distribution box

ATEX certificate	IBExU 14ATEX1050	IECEx certificate	IECEx IBE 14.0013
ATEX marking	II 2G Ex e IIC T6... T4 Gb or II 2G Ex eb IIC T6... T4 II 1G Ex ia IIC T6... T4 Ga or II 1G Ex ia IIC T6... T4 II 2(1)G Ex e [ia Ga] IIC T6... T4 Gb or II 2(1)G Ex eb [ia Ga] IIC T6 ... T4 II 2D Ex tb IIIC T 85°C... 135°C Db or II 2D Ex tb IIIC T85 °C... T135 °C II 1D Ex ia IIIC T135 °C Da or II 1D Ex ia IIIC T135 °C	IECEx marking	Ex e IIC T6... T4 Gb or Ex eb IIC T6... T4 Ex ia IIC T6... T4 Ga or Ex ia IIC T6... T4 Ex e ia IIC T6... T4 Gb or Ex eb ia IIC T6 ... T4 Ex tb IIIC T 85°C... 135°C Db or Ex tb IIIC T85 °C... T135 °C Ex ia IIIC T135 °C Da or Ex ia IIIC T135 °C
		INMETRO certificate	IEEx 13.0009
		INMETRO marking	Ex e IIC T6...T4 Gb Ex ia IIC T6...T4 Ga Ex e ia IIC T6...T4 Gb Ex tb IIIC T85 °C...T135 °C Db IP 66
Note	Labelling depends on the application layout.		



Height/Width/Depth 229 / 152 / 133 mm

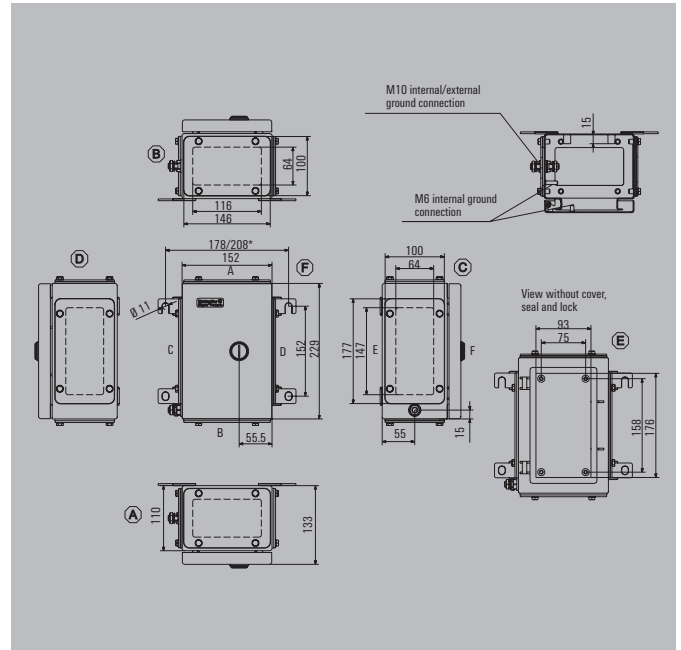
Ordering data

Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom	1199860000
2 gland plates - top and bottom sides (A & B)	1199870000
3 gland plates - bottom, left and right sides (B, C & D)	1199880000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1199890000
Note	Painted sheet steel enclosure available on request. Standard colour is similar to RAL 7035.

Accessories

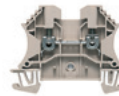
Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1193930000
Stainless steel 1.4301	1193810000
With hole pattern, natural stainless steel 1.4301	1257650000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256270000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256280000
Mounting screw, stainless steel 1.4404	1253230000
Mirror-polish Stainless steel 1.4301 rain hood (2R)	
	1281360000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	
For DIN A5 size documents	
For DIN A4 size documents	
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm ²	1x29	1x15
4 mm ²		1x13
6 mm ²		1x9
10 mm ²		1x7
16 mm ²		1x6
35 mm ²		



Note

*For enclosure versions with zero, one or two gland plates, the horizontal gap between the mounting feet is reduced by 30 mm.
Assembly with terminal blocks provides for 10 mm clearance to the ends of the mounting rail.
Recommended order:
TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal) ZDU 2.5 1608510000 / (tension clamp terminal) PDU 2.5 1896110000
TS 32 mounting rail (screw terminal) SAK 2.5 0279660000
TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

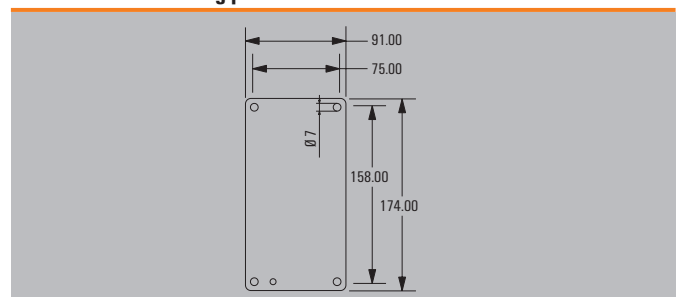
Number of cable entries

Number of cable entries	A / B	C / D
M12	6	8
M16	5	6
M20	2	3
M25	2	2
M32	1	2
M40	1	2
M50	0	0
M63	0	0
M75	0	0

Note

Our IP 68 brass cable glands serve as a reference for these recommended values.

Dimensions of mounting plate



Klippon® TB QL 262615

Depth 150 mm



Height/Width/Depth 260 / 260 / 150 mm

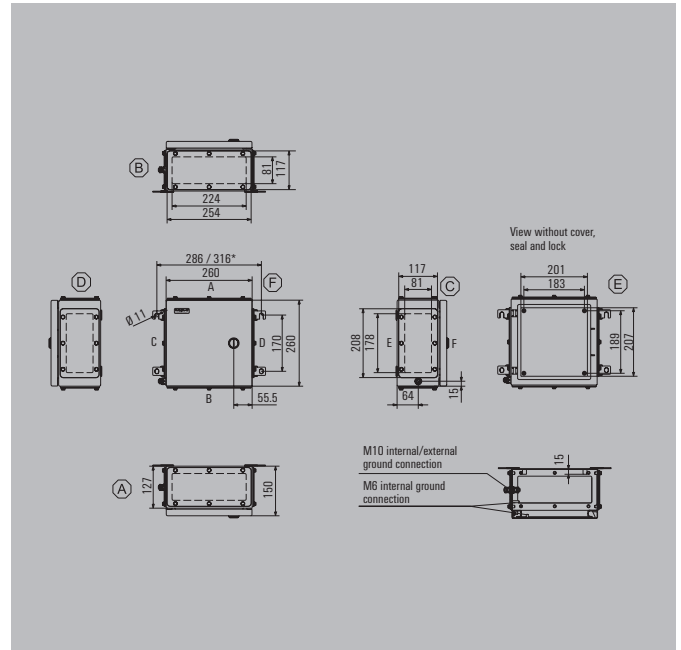
Ordering data

Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom	1199910000
2 gland plates - top and bottom sides (A & B)	1199920000
3 gland plates - bottom, left and right sides (B, C & D)	1199930000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1199940000
Note	Painted sheet steel enclosure available on request. Standard colour is similar to RAL 7035.

Accessories

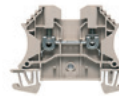
Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1193950000
Stainless steel 1.4301	1193820000
With hole pattern, natural stainless steel 1.4301	1257660000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256290000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256310000
Mounting screw, stainless steel 1.4404	1253230000
Mirror-polish Stainless steel 1.4301 rain hood (2R)	
	1281370000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	1252780000
For DIN A5 size documents	
For DIN A4 size documents	
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm²	2x35	2x34
4 mm²	1x30	1x29
6 mm²	1x22	1x22
10 mm²	1x18	1x17
16 mm²	1x15	1x14
35 mm²		



Note

*For enclosure versions with zero, one or two gland plates, the horizontal gap between the mounting feet is reduced by 30 mm.
Assembly with terminal blocks provides for 10 mm clearance to the ends of the mounting rail.
Recommended order:
TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal) ZDU 2.5 1808510000 / (tension clamp terminal) PDU 2.5 1896110000
TS 32 mounting rail (screw terminal) SAK 2.5 0279660000
TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

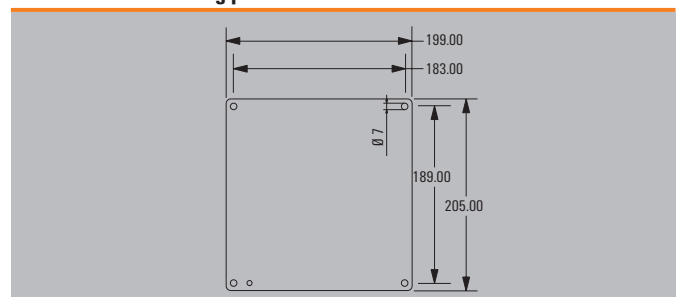
Number of cable entries

Number of cable entries	A / B	C / D
M12	20	15
M16	11	8
M20	9	7
M25	4	3
M32	3	2
M40	3	2
M50	2	2
M63	0	0
M75	0	0

Note

Our IP 68 brass cable glands are used as the reference for these guideline values.

Dimensions of mounting plate





Height/Width/Depth 260 / 260 / 200 mm

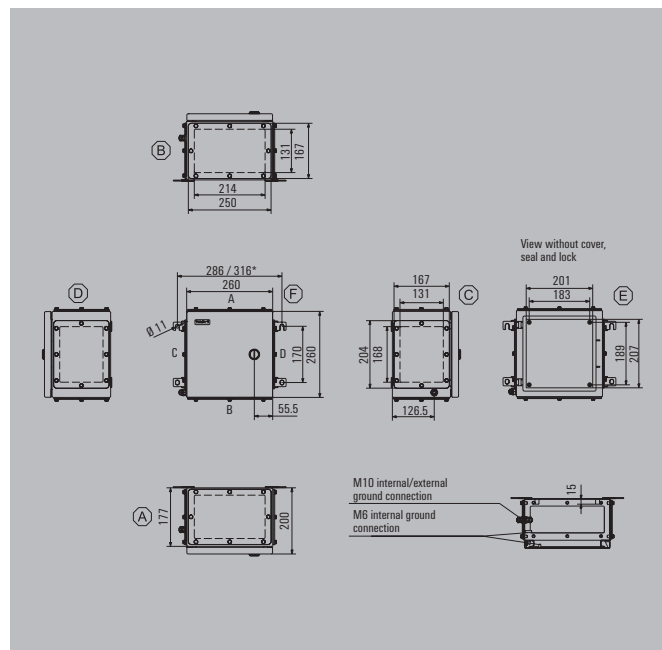
Ordering data

Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom	1199960000
2 gland plates - top and bottom sides (A & B)	1199970000
3 gland plates - bottom, left and right sides (B, C & D)	1199980000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1199990000
Note Painted sheet steel enclosure available on request. Standard colour is similar to RAL 7035.	

Accessories

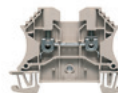
Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1193950000
Stainless steel 1.4301	1193820000
With hole pattern, natural stainless steel 1.4301	1257660000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256320000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256330000
Mounting screw, stainless steel 1.4404	1253230000
Mirror-polish Stainless steel 1.4301 rain hood (2R)	
	1281380000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	1252780000
For DIN A5 size documents	
For DIN A4 size documents	
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm ²	2x35	2x34
4 mm ²	1x30	1x29
6 mm ²	1x22	1x22
10 mm ²	1x18	1x17
16 mm ²	1x15	1x14
35 mm ²		



Note

*For enclosure versions with zero, one or two gland plates, the horizontal gap between the mounting feet is reduced by 30 mm.
 Assembly with terminal blocks provides for 10 mm clearance to the ends of the mounting rail.
 Recommended order:
 TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal) ZDU 2.5 1808510000 / (tension clamp terminal) PDU 2.5 1896110000
 TS 32 mounting rail (screw terminal) SAK 2.5 0279660000
 TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

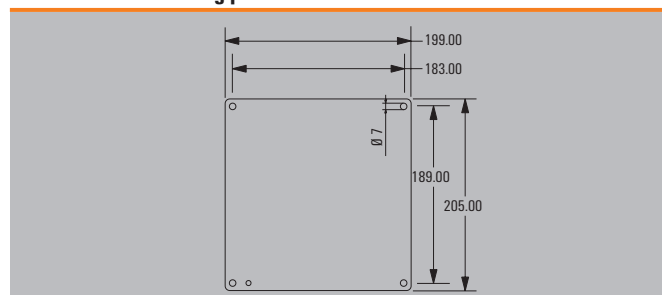
Number of cable entries

Number of cable entries	A / B	C / D
M12	33	25
M16	22	16
M20	14	11
M25	12	9
M32	6	4
M40	5	4
M50	2	2
M63	2	1
M75	1	1

Note

Our IP 68 brass cable glands serve as a reference for these recommended values.

Dimensions of mounting plate



Klippon® TB QL 303015

Depth 150 mm



Height/Width/Depth 306 / 306 / 150 mm

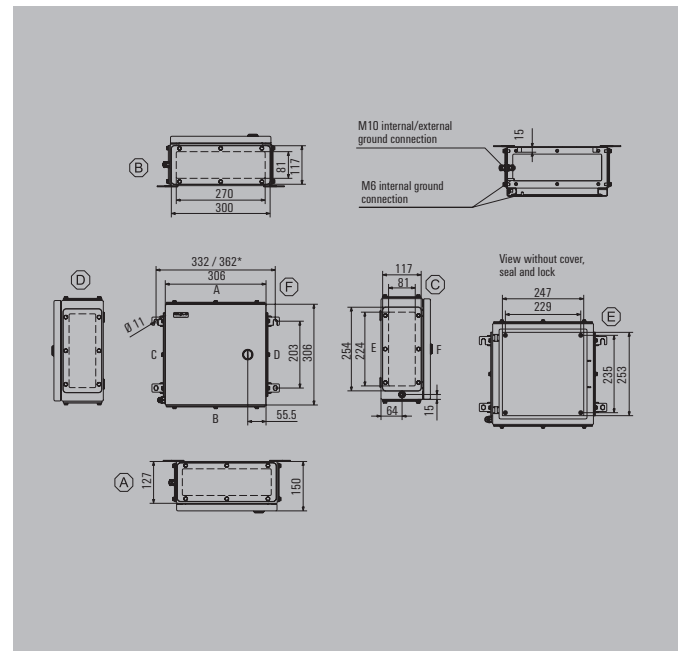
Ordering data

Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom	1200020000
2 gland plates - top and bottom sides (A & B)	1200030000
3 gland plates - bottom, left and right sides (B, C & D)	1200040000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1200050000
Note	Painted sheet steel enclosure available on request. Standard colour is similar to RAL 7035.

Accessories

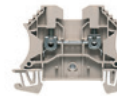
Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1193960000
Stainless steel 1.4301	1193830000
With hole pattern, natural stainless steel 1.4301	1257670000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256340000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256350000
Mounting screw, stainless steel 1.4404	1253230000
Mirror-polish Stainless steel 1.4301 rain hood (2R)	
	1281390000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	1252780000
For DIN A5 size documents	
For DIN A4 size documents	
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm ²	2x44	2x43
4 mm ²	2x37	2x36
6 mm ²	2x28	2x27
10 mm ²	1x22	1x22
16 mm ²	1x19	1x18
35 mm ²	1x14	1x13



Note

*For enclosure versions with zero, one or two gland plates, the horizontal gap between the mounting feet is reduced by 30 mm.
 Assembly with terminal blocks provides for 10 mm clearance to the ends of the mounting rail.
 Recommended order:
 TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal)
 ZDU 2.5 1808510000 / (tension clamp terminal) PDU 2.5 1896110000
 TS 32 mounting rail (screw terminal) SAK 2.5 0279660000
 TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

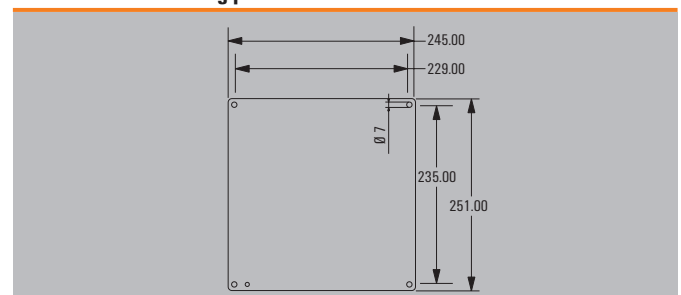
Number of cable entries

Number of cable entries	A / B	C / D
M12	24	20
M16	13	11
M20	11	9
M25	5	4
M32	4	3
M40	3	3
M50	3	2
M63	0	0
M75	0	0

Note

Our IP 68 brass cable glands are used as the reference for these guideline values.

Dimensions of mounting plate





Height/Width/Depth 306 / 306 / 200 mm

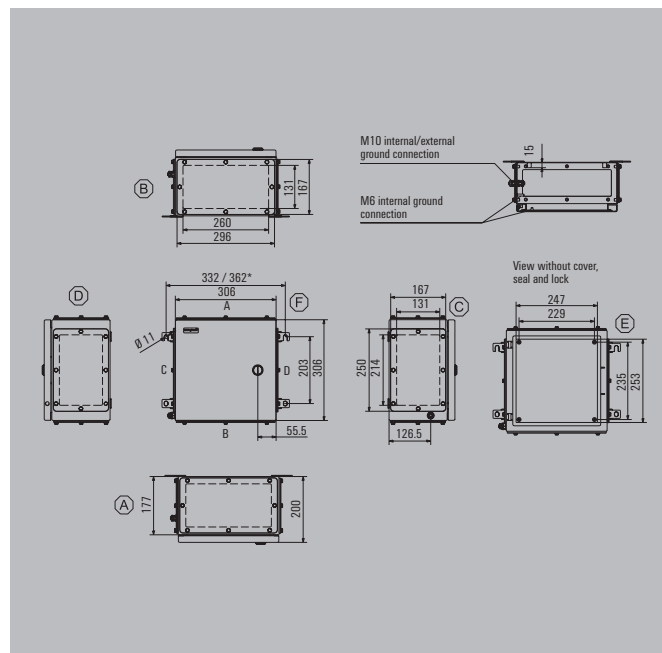
Ordering data

Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom	1200070000
2 gland plates - top and bottom sides (A & B)	1200080000
3 gland plates - bottom, left and right sides (B, C & D)	1200090000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1200100000
Note	Painted sheet steel enclosure available on request. Standard colour is similar to RAL 7035.

Accessories

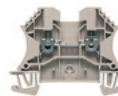
Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1193960000
Stainless steel 1.4301	1193830000
With hole pattern, natural stainless steel 1.4301	1257670000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256360000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256370000
Mounting screw, stainless steel 1.4404	1253230000
Mirror-polish Stainless steel 1.4301 rain hood (2R)	
	1281400000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	1252780000
For DIN A5 size documents	
For DIN A4 size documents	
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm ²	2x44	2x43
4 mm ²	2x37	2x36
6 mm ²	2x28	2x27
10 mm ²	1x22	1x22
16 mm ²	1x19	1x18
35 mm ²	1x14	1x13



Note

*For enclosure versions with zero, one or two gland plates, the horizontal gap between the mounting feet is reduced by 30 mm.
 Assembly with terminal blocks provides for 10 mm clearance to the ends of the mounting rail.
 Recommended order:
 TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal)
 ZDU 2.5 1608510000 / (tension clamp terminal) PDU 2.5 1896110000
 TS 32 mounting rail (screw terminal) SAK 2.5 0279660000
 TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

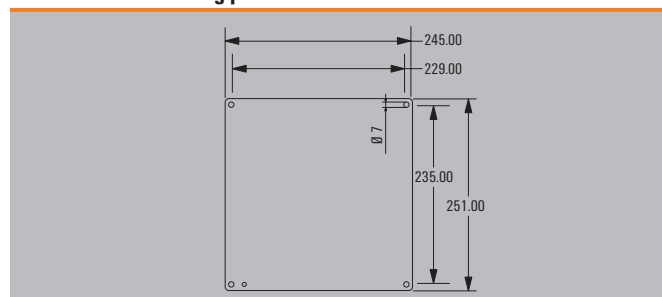
Number of cable entries

Number of cable entries	A / B	C / D
M12	40	33
M16	26	22
M20	17	14
M25	14	12
M32	8	6
M40	6	5
M50	3	2
M63	2	2
M75	2	1

Note

Our IP 68 brass cable glands serve as a reference for these recommended values.

Dimensions of mounting plate



Klippon® TB QL 352615

Depth 150 mm



Height/Width/Depth 350 / 260 / 150 mm

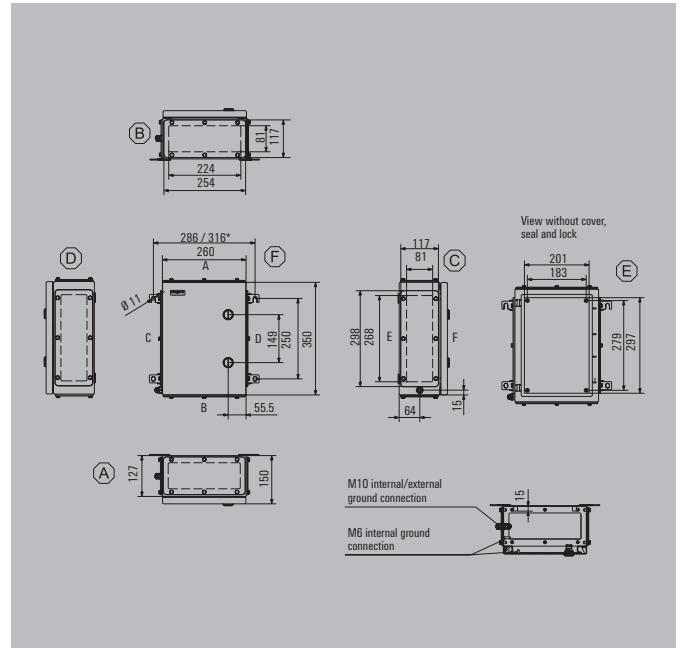
Ordering data

Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom	1200120000
2 gland plates - top and bottom sides (A & B)	1200130000
3 gland plates - bottom, left and right sides (B, C & D)	1200140000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1200150000
Note	Painted sheet steel enclosure available on request. Standard colour is similar to RAL 7035.

Accessories

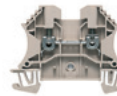
Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1193970000
Stainless steel 1.4301	1193840000
With hole pattern, natural stainless steel 1.4301	1257680000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256380000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256390000
Mounting screw, stainless steel 1.4404	1253230000
Mirror-polish Stainless steel 1.4301 rain hood (2R)	
	1281410000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	1252780000
For DIN A5 size documents	
For DIN A4 size documents	
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm²	2x53	2x34
4 mm²	1x44	2x29
6 mm²	1x33	2x22
10 mm²	1x27	2x17
16 mm²	1x22	1x14
35 mm²		1x11



Note

*For enclosure versions with zero, one or two gland plates, the horizontal gap between the mounting feet is reduced by 30 mm.
 Assembly with terminal blocks provides for 10 mm clearance to the ends of the mounting rail.
 Recommended order:
 TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal) ZDU 2.5 1608510000 / (tension clamp terminal) PDU 2.5 1896110000
 TS 32 mounting rail (screw terminal) SAK 2.5 0279660000
 TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

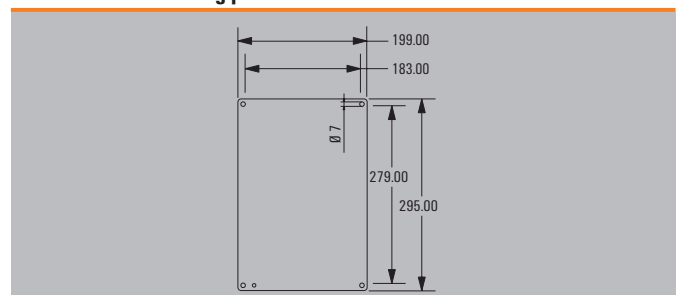
Number of cable entries

Number of cable entries	A / B	C / D
M12	20	23
M16	11	13
M20	9	11
M25	4	5
M32	3	4
M40	3	3
M50	2	3
M63	0	0
M75	0	0

Note

Our IP 68 brass cable glands serve as a reference for these recommended values.

Dimensions of mounting plate





Height/Width/Depth 350 / 260 / 200 mm

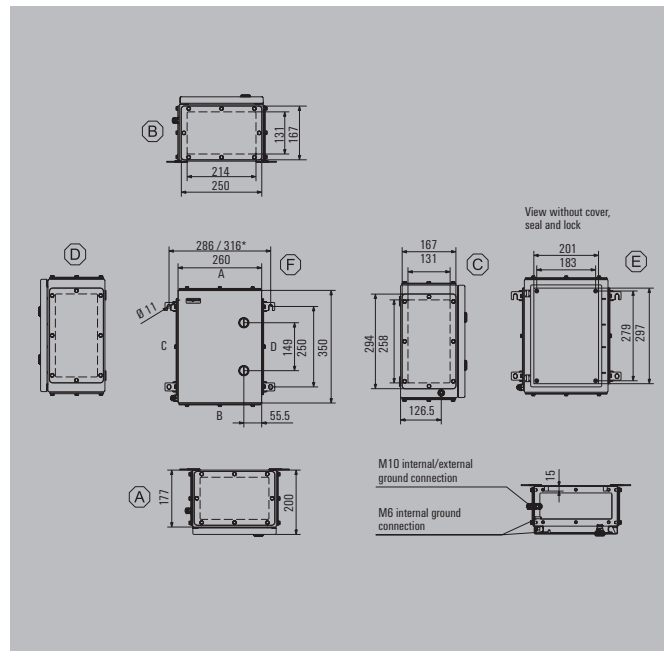
Ordering data

Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom	1200170000
2 gland plates - top and bottom sides (A & B)	1200180000
3 gland plates - bottom, left and right sides (B, C & D)	1200190000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1200210000
Note	Painted sheet steel enclosure available on request. Standard colour is similar to RAL 7035.

Accessories

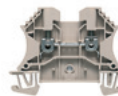
Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1193970000
Stainless steel 1.4301	1193840000
With hole pattern, natural stainless steel 1.4301	1257680000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256410000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256420000
Mounting screw, stainless steel 1.4404	1253230000
Mirror-polish Stainless steel 1.4301 rain hood (2R)	
	1281420000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	1252780000
For DIN A5 size documents	
For DIN A4 size documents	
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm²	2x53	2x34
4 mm²	1x44	2x29
6 mm²	1x33	2x22
10 mm²	1x27	2x17
16 mm²	1x22	1x14
35 mm²		1x11



Note

*For enclosure versions with zero, one or two gland plates, the horizontal gap between the mounting feet is reduced by 30 mm.
Assembly with terminal blocks provides for 10 mm clearance to the ends of the mounting rail.
Recommended order:
TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal) ZDU 2.5 1608510000 / (tension clamp terminal) PDU 2.5 1896110000
TS 32 mounting rail (screw terminal) SAK 2.5 0279660000
TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

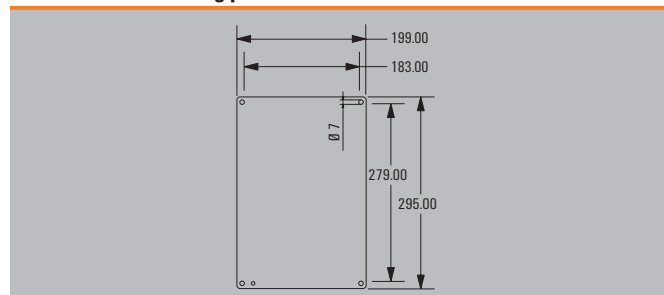
Number of cable entries

Number of cable entries	A / B	C / D
M12	33	38
M16	22	26
M20	14	17
M25	12	14
M32	6	7
M40	5	6
M50	2	3
M63	2	2
M75	1	2

Note

Our IP 68 brass cable glands are used as the reference for these guideline values.

Dimensions of mounting plate



Klippon® TB QL 403015

Depth 150 mm



Height/Width/Depth 400 / 300 / 150 mm

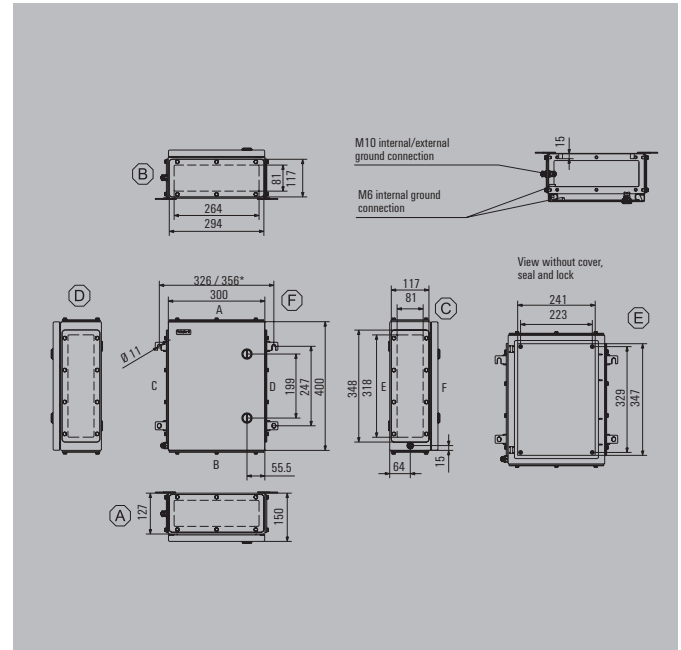
Ordering data

Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom	1200230000
2 gland plates - top and bottom sides (A & B)	1200240000
3 gland plates - bottom, left and right sides (B, C & D)	1200250000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1200260000
Note	Painted sheet steel enclosure available on request. Standard colour is similar to RAL 7035.

Accessories

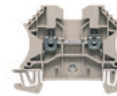
Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1193980000
Stainless steel 1.4301	1193850000
With hole pattern, natural stainless steel 1.4301	1257690000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256430000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256440000
Mounting screw, stainless steel 1.4404	1253230000
Mirror-polish Stainless steel 1.4301 rain hood (2R)	
	1281430000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	1252780000
For DIN A5 size documents	
For DIN A4 size documents	
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm ²	2x62	3x42
4 mm ²	2x52	3x35
6 mm ²	1x39	2x26
10 mm ²	1x32	2x21
16 mm ²	1x26	2x18
35 mm ²	1x20	1x13



Note

*For enclosure versions with zero, one or two gland plates, the horizontal gap between the mounting feet is reduced by 30 mm.
 Assembly with terminal blocks provides for 10 mm clearance to the ends of the mounting rail.
 Recommended order:
 TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal)
 ZDU 2.5 1808510000 / (tension clamp terminal) PDU 2.5 1896110000
 TS 32 mounting rail (screw terminal) SAK 2.5 0279680000
 TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

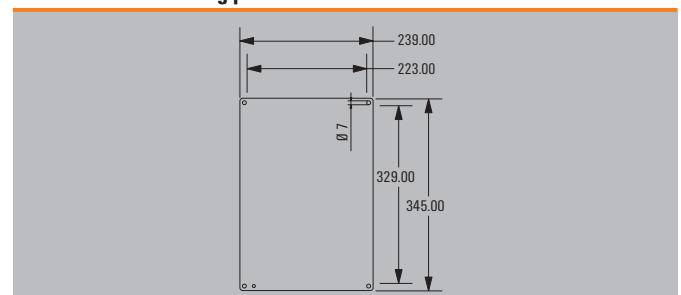
Number of cable entries

Number of cable entries	A / B	C / D
M12	23	29
M16	13	16
M20	11	13
M25	5	6
M32	4	5
M40	3	4
M50	3	3
M63	0	0
M75	0	0

Note

Our IP 68 brass cable glands serve as a reference for these recommended values.

Dimensions of mounting plate





Height/Width/Depth 400 / 300 / 200 mm

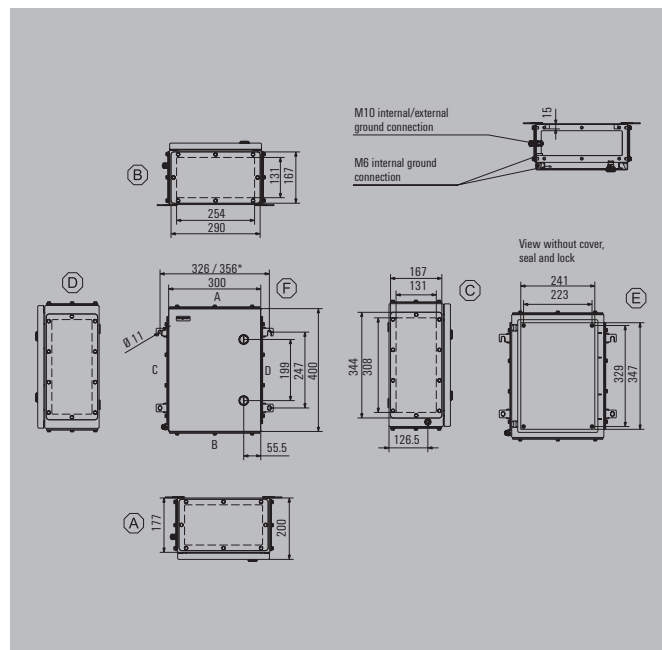
Ordering data

Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom	1200280000
2 gland plates - top and bottom sides (A & B)	1200290000
3 gland plates - bottom, left and right sides (B, C & D)	1200310000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1200320000
Note Painted sheet steel enclosure available on request. Standard colour is similar to RAL 7035.	

Accessories

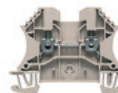
Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1193980000
Stainless steel 1.4301	1193850000
With hole pattern, natural stainless steel 1.4301	1257690000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256450000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256470000
Mounting screw, stainless steel 1.4404	1253230000
Mirror-polish Stainless steel 1.4301 rain hood (2R)	
	1281440000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	1252780000
For DIN A5 size documents	
For DIN A4 size documents	
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm ²	2x62	3x42
4 mm ²	2x52	3x35
6 mm ²	1x39	2x26
10 mm ²	1x32	2x21
16 mm ²	1x26	2x18
35 mm ²	1x20	1x13



Note

*For enclosure versions with zero, one or two gland plates, the horizontal gap between the mounting feet is reduced by 30 mm.
 Assembly with terminal blocks provides for 10 mm clearance to the ends of the mounting rail.
 Recommended order:
 TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal) ZDU 2.5 1808510000 / (tension clamp terminal) PDU 2.5 1896110000
 TS 32 mounting rail (screw terminal) SAK 2.5 0279660000
 TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

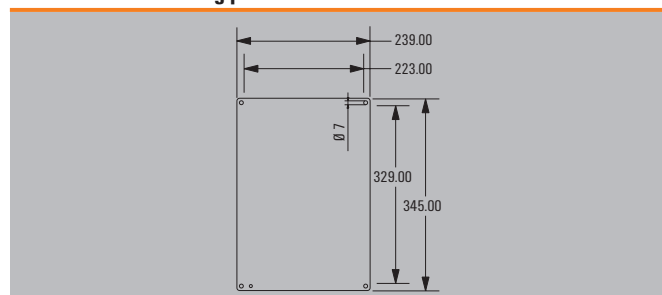
Number of cable entries

Number of cable entries	A / B	C / D
M12	38	48
M16	26	32
M20	17	20
M25	14	17
M32	7	9
M40	6	7
M50	3	3
M63	2	3
M75	2	2

Note

Our IP 68 brass cable glands are used as the reference for these guideline values.

Dimensions of mounting plate



Klippon® TB QL 453815

Depth 150 mm



Height/Width/Depth 458 / 382 / 150 mm

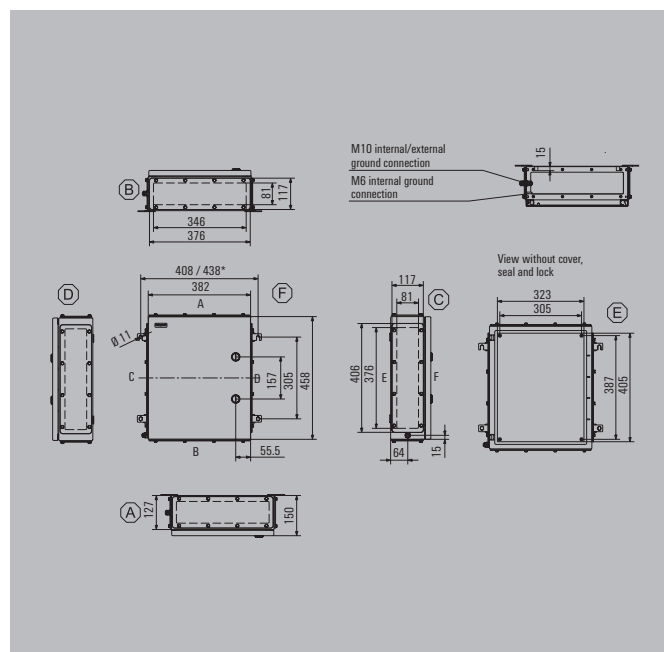
Ordering data

Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom	1200340000
2 gland plates - top and bottom sides (A & B)	1200350000
3 gland plates - bottom, left and right sides (B, C & D)	1200360000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1200370000
Note	Painted sheet steel enclosure available on request. Standard colour is similar to RAL 7035.

Accessories

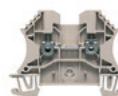
Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1193990000
Stainless steel 1.4301	1193860000
With hole pattern, natural stainless steel 1.4301	1257700000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256480000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256490000
Mounting screw, stainless steel 1.4404	1253230000
Mirror-polish Stainless steel 1.4301 rain hood (2R)	
	1281450000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	1252780000
For DIN A5 size documents	1252750000
For DIN A4 size documents	1252730000
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm ²	3x73	4x58
4 mm ²	2x62	3x48
6 mm ²	2x46	3x36
10 mm ²	2x37	2x29
16 mm ²	2x31	2x24
35 mm ²	1x23	1x18



Note

*For enclosure versions with zero, one or two gland plates, the horizontal gap between the mounting feet is reduced by 30 mm.
 Assembly with terminal blocks provides for 10 mm clearance to the ends of the mounting rail.
 Recommended order:
 TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal)
 ZDU 2.5 1608510000 / (tension clamp terminal) PDU 2.5 1896110000
 TS 32 mounting rail (screw terminal) SAK 2.5 0279660000
 TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

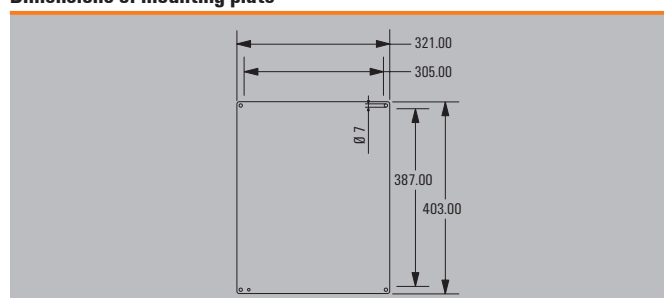
Number of cable entries

Number of cable entries	A / B	C / D
M12	30	33
M16	17	19
M20	15	16
M25	6	7
M32	5	6
M40	4	5
M50	4	4
M63	0	0
M75	0	0

Note

Our IP 68 brass cable glands serve as a reference for these recommended values.

Dimensions of mounting plate





Height/Width/Depth 458 / 382 / 200 mm

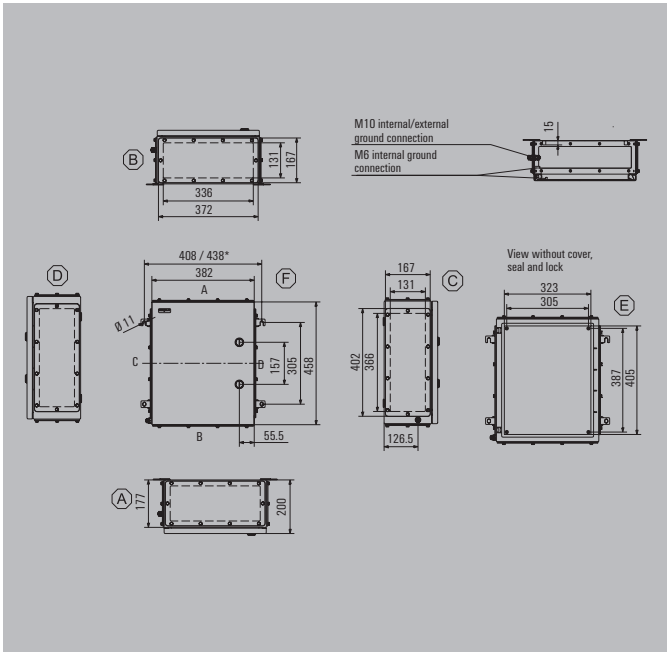
Ordering data

Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom	1200390000
2 gland plates - top and bottom sides (A & B)	1200410000
3 gland plates - bottom, left and right sides (B, C & D)	1200420000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1200430000
Note	Painted sheet steel enclosure available on request. Standard colour is similar to RAL 7035.

Accessories

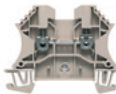
Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1193990000
Stainless steel 1.4301	1193860000
With hole pattern, natural stainless steel 1.4301	1257700000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256510000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256520000
Mounting screw, stainless steel 1.4404	1253230000
Mirror-polish Stainless steel 1.4301 rain hood (2R)	
	1281460000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	1252780000
For DIN A5 size documents	1252750000
For DIN A4 size documents	1252730000
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm²	3x73	4x58
4 mm²	2x62	3x48
6 mm²	2x46	3x36
10 mm²	2x37	2x29
16 mm²	2x31	2x24
35 mm²	1x23	1x18



Note

*For enclosure versions with zero, one or two gland plates, the horizontal gap between the mounting feet is reduced by 30 mm.
Assembly with terminal blocks provides for 10 mm clearance to the ends of the mounting rail.
Recommended order:
TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal) ZDU 2.5 1808510000 / (tension clamp terminal) PDU 2.5 1896110000
TS 32 mounting rail (screw terminal) SAK 2.5 0279680000
TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

Number of cable entries

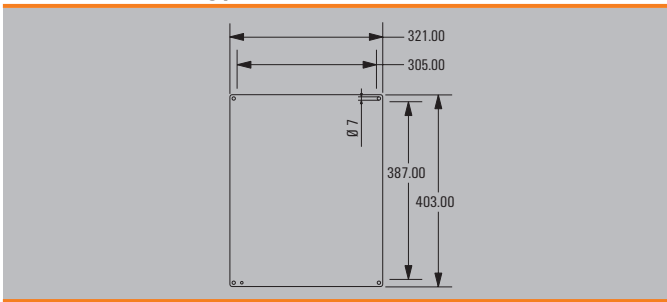
Number of cable entries	A / B	C / D
M12	50	55
M16	34	38
M20	23	24
M25	18	21
M32	10	11
M40	8	9
M50	4	4
M63	3	3
M75	2	3



Note

Our IP 68 brass cable glands are used as the reference for these guideline values.

Dimensions of mounting plate



Klippon® TB QL 484815

Depth 150 mm



Height/Width/Depth 480 / 480 / 150 mm

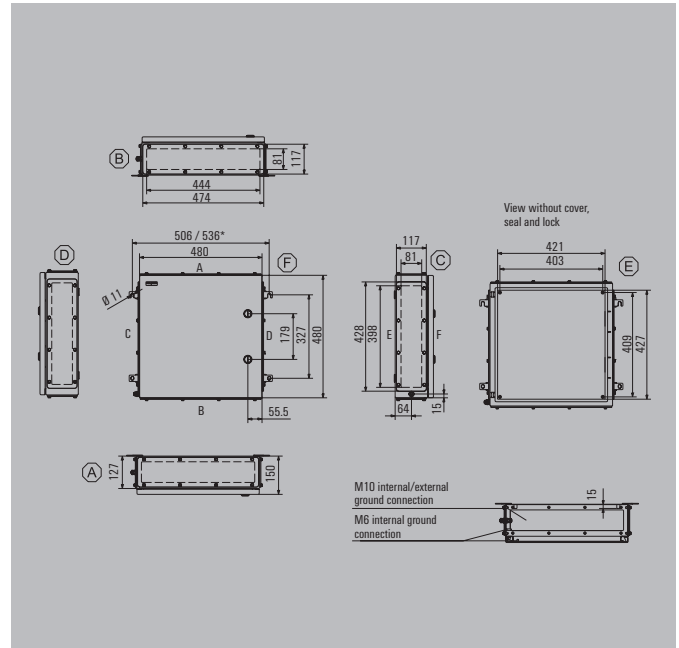
Ordering data

Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom	1200450000
2 gland plates - top and bottom sides (A & B)	1200460000
3 gland plates - bottom, left and right sides (B, C & D)	1200470000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1200480000
Note	Painted sheet steel enclosure available on request. Standard colour is similar to RAL 7035.

Accessories

Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1194000000
Stainless steel 1.4301	1193870000
With hole pattern, natural stainless steel 1.4301	1257710000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256530000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256540000
Mounting screw, stainless steel 1.4404	1253230000
Mirror-polish Stainless steel 1.4301 rain hood (2R)	
	1281470000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	1252780000
For DIN A5 size documents	1252750000
For DIN A4 size documents	1252730000
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm ²	4x78	4x77
4 mm ²	3x65	3x64
6 mm ²	3x49	3x48
10 mm ²	2x39	3x39
16 mm ²	2x33	2x32
35 mm ²	1x25	2x24

Note

*For enclosure versions with zero, one or two gland plates, the horizontal gap between the mounting feet is reduced by 30 mm.
 Assembly with terminal blocks provides for 10 mm clearance to the ends of the mounting rail.
 Recommended order:
 TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal)
 ZDU 2.5 1808510000 / (tension clamp terminal) PDU 2.5 1896110000
 TS 32 mounting rail (screw terminal) SAK 2.5 0279660000
 TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

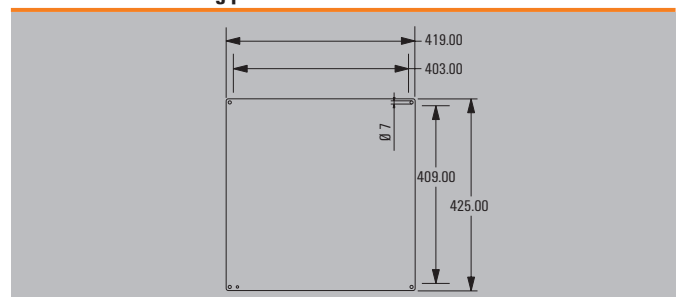
Number of cable entries

Number of cable entries	A / B	C / D
M12	39	36
M16	22	20
M20	19	17
M25	8	7
M32	7	6
M40	6	5
M50	5	4
M63	0	0
M75	0	0

Note

Our IP 68 brass cable glands are used as the reference for these guideline values.

Dimensions of mounting plate





Height/Width/Depth 480 / 480 / 200 mm

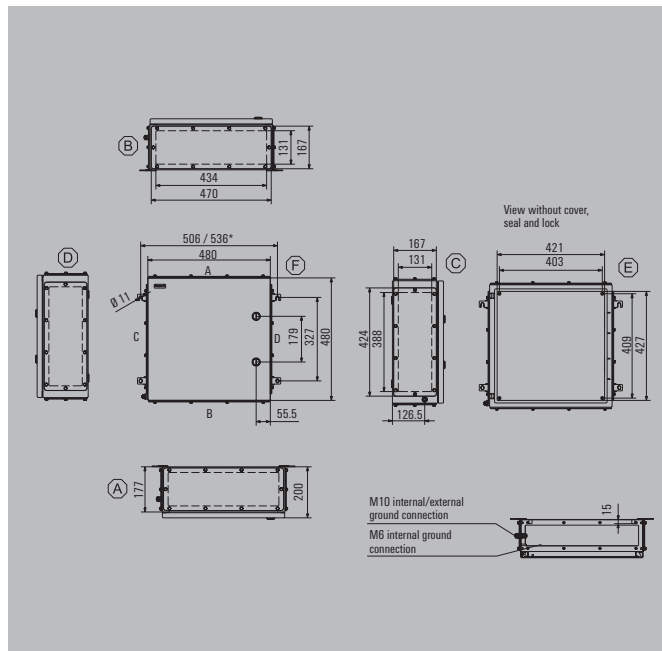
Ordering data

Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom	1200510000
2 gland plates - top and bottom sides (A & B)	1200520000
3 gland plates - bottom, left and right sides (B, C & D)	1200530000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1200540000
Note	Painted sheet steel enclosure available on request. Standard colour is similar to RAL 7035.

Accessories

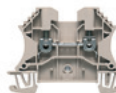
Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1194000000
Stainless steel 1.4301	1193870000
With hole pattern, natural stainless steel 1.4301	1257710000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256550000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256560000
Mounting screw, stainless steel 1.4404	1253230000
Mirror-polish Stainless steel 1.4301 rain hood (2R)	
	1281480000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	1252780000
For DIN A5 size documents	1252750000
For DIN A4 size documents	1252730000
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm²	4x78	4x77
4 mm²	3x65	3x64
6 mm²	3x49	3x48
10 mm²	2x39	3x39
16 mm²	2x33	2x32
35 mm²	1x25	2x24



Note

*For enclosure versions with zero, one or two gland plates, the horizontal gap between the mounting feet is reduced by 30 mm.
Assembly with terminal blocks provides for 10 mm clearance to the ends of the mounting rail.
Recommended order:
TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal) ZDU 2.5 1808510000 / (tension clamp terminal) PDU 2.5 1896110000
TS 32 mounting rail (screw terminal) SAK 2.5 0279660000
TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

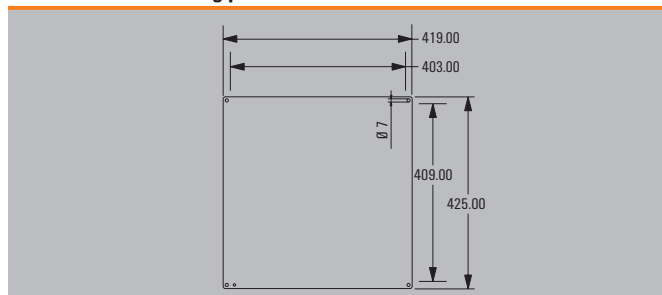
Number of cable entries

Number of cable entries	A / B	C / D
M12	65	60
M16	44	40
M20	29	26
M25	24	21
M32	13	12
M40	11	10
M50	5	4
M63	4	4
M75	3	3

Note

Our IP 68 brass cable glands serve as a reference for these recommended values.

Dimensions of mounting plate



Klippon® TB QL 553515

Depth 150 mm



Height/Width/Depth 550 / 350 / 150 mm

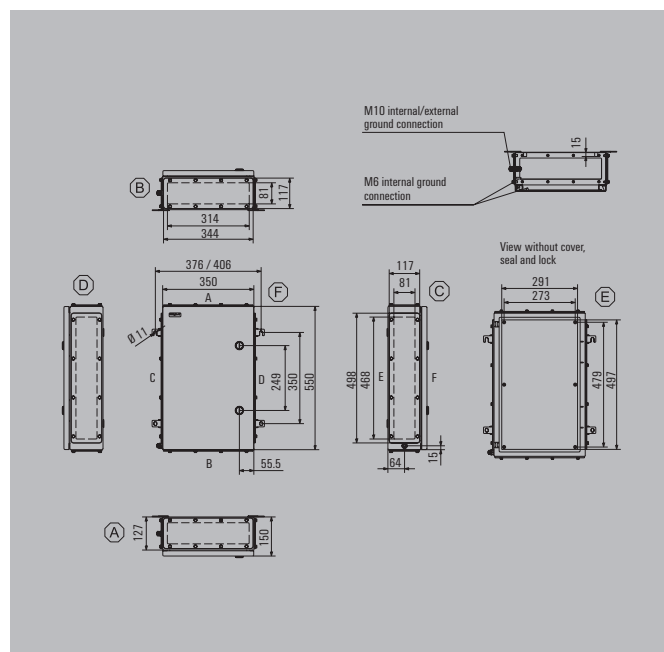
Ordering data

Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom	1200560000
2 gland plates - top and bottom sides (A & B)	1200570000
3 gland plates - bottom, left and right sides (B, C & D)	1200580000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1200590000
Note	Painted sheet steel enclosure available on request. Standard colour is similar to RAL 7035.

Accessories

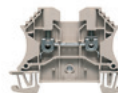
Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1194010000
Stainless steel 1.4301	1193880000
With hole pattern, natural stainless steel 1.4301	1257720000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256570000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256580000
Mounting screw, stainless steel 1.4404	1253230000
Mirror-polish Stainless steel 1.4301 rain hood (2R)	
	1281490000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	1252780000
For DIN A5 size documents	1252750000
For DIN A4 size documents	
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm²	2x91	4x52
4 mm²	2x76	4x43
6 mm²	2x58	4x32
10 mm²	2x46	3x26
16 mm²	1x39	3x22
35 mm²	1x29	2x16



Note

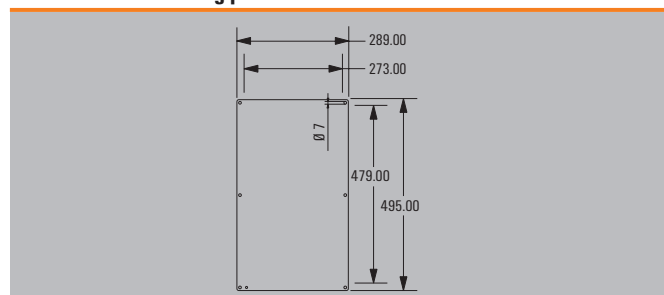
*For enclosure versions with zero, one or two gland plates, the horizontal gap between the mounting feet is reduced by 30 mm.
 Assembly with terminal blocks provides for 10 mm clearance to the ends of the mounting rail.
 Recommended order:
 TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal) ZDU 2.5 1808510000 / (tension clamp terminal) PDU 2.5 1896110000
 TS 32 mounting rail (screw terminal) SAK 2.5 0279680000
 TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

Number of cable entries

Number of cable entries	A / B	C / D
M12	27	42
M16	15	24
M20	13	20
M25	6	9
M32	5	7
M40	4	6
M50	3	5
M63	0	0
M75	0	0

Note Our IP 68 brass cable glands are used as the reference for these guideline values.

Dimensions of mounting plate





Height/Width/Depth 550 / 350 / 200 mm

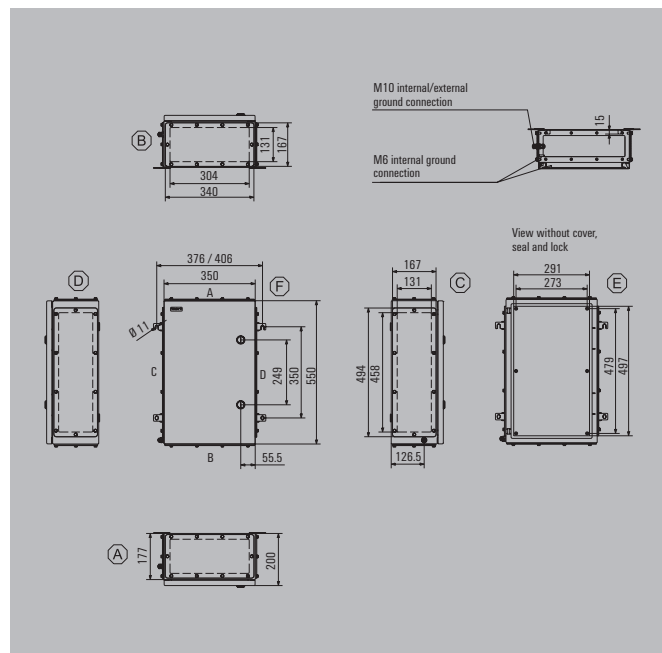
Ordering data

Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom	1200620000
2 gland plates - top and bottom sides (A & B)	1200630000
3 gland plates - bottom, left and right sides (B, C & D)	1200640000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1200650000
Note	Painted sheet steel enclosure available on request. Standard colour is similar to RAL 7035.

Accessories

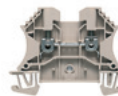
Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1194010000
Stainless steel 1.4301	1193880000
With hole pattern, natural stainless steel 1.4301	1257720000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256590000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256610000
Mounting screw, stainless steel 1.4404	1253230000
Mirror-polish Stainless steel 1.4301 rain hood (2R)	
	1281500000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	1252780000
For DIN A5 size documents	1252750000
For DIN A4 size documents	
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm ²	2x91	4x52
4 mm ²	2x76	4x43
6 mm ²	2x58	4x32
10 mm ²	2x46	3x26
16 mm ²	1x39	3x22
35 mm ²	1x29	2x16



Note

*For enclosure versions with zero, one or two gland plates, the horizontal gap between the mounting feet is reduced by 30 mm.
 Assembly with terminal blocks provides for 10 mm clearance to the ends of the mounting rail.
 Recommended order:
 TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal) ZDU 2.5 1608510000 / (tension clamp terminal) PDU 2.5 1896110000
 TS 32 mounting rail (screw terminal) SAK 2.5 0279660000
 TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

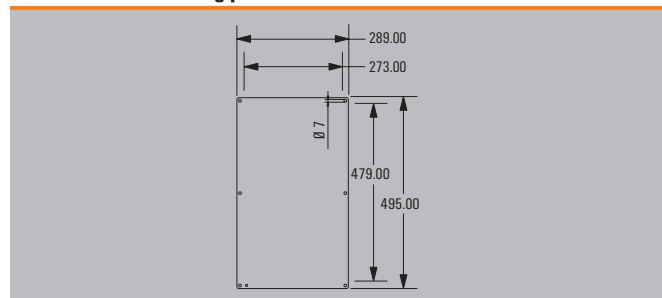
Number of cable entries

Number of cable entries	A / B	C / D
M12	45	70
M16	30	48
M20	20	30
M25	17	26
M32	9	14
M40	7	12
M50	3	5
M63	3	4
M75	2	3

Note

Our IP 68 brass cable glands serve as a reference for these recommended values.

Dimensions of mounting plate



Klippon® TB QL 624515

Depth 150 mm



Height/Width/Depth 620 / 450 / 150 mm

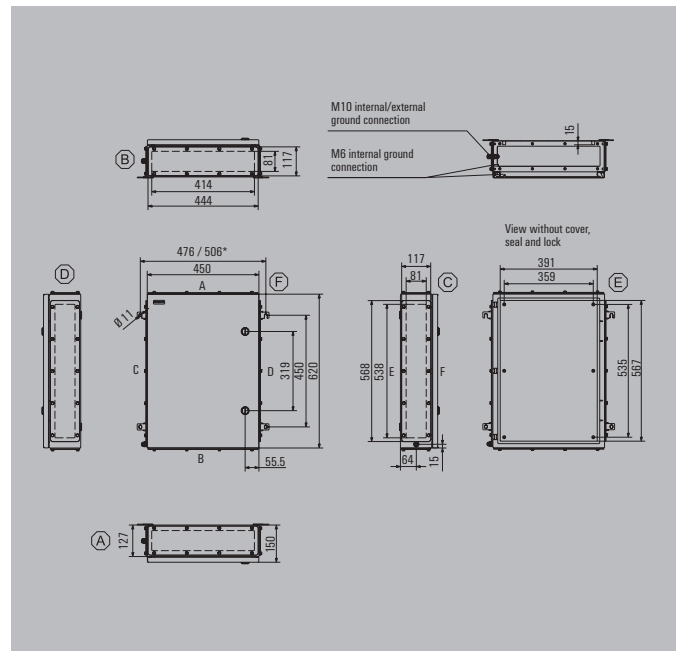
Ordering data

Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom	1200670000
2 gland plates - top and bottom sides (A & B)	1200680000
3 gland plates - bottom, left and right sides (B, C & D)	1200690000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1200710000
Note	Painted sheet steel enclosure available on request. Standard colour is similar to RAL 7035.

Accessories

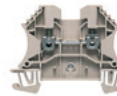
Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1194020000
Stainless steel 1.4301	1193890000
With hole pattern, natural stainless steel 1.4301	1257740000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256620000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256630000
Mounting screw, stainless steel 1.4404	1253230000
Mirror-polish Stainless steel 1.4301 rain hood (2R)	
	1281510000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	1252780000
For DIN A5 size documents	1252750000
For DIN A4 size documents	1252730000
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm²	3x105	5x71
4 mm²	3x88	5x59
6 mm²	3x66	4x45
10 mm²	2x53	4x36
16 mm²	2x44	3x30
35 mm²	1x33	2x22



Note

*For enclosure versions with zero, one or two gland plates, the horizontal gap between the mounting feet is reduced by 30 mm.
 Assembly with terminal blocks provides for 10 mm clearance to the ends of the mounting rail.
 Recommended order:
 TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal) ZDU 2.5 1808510000 / (tension clamp terminal) PDU 2.5 1896110000
 TS 32 mounting rail (screw terminal) SAK 2.5 0279680000
 TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

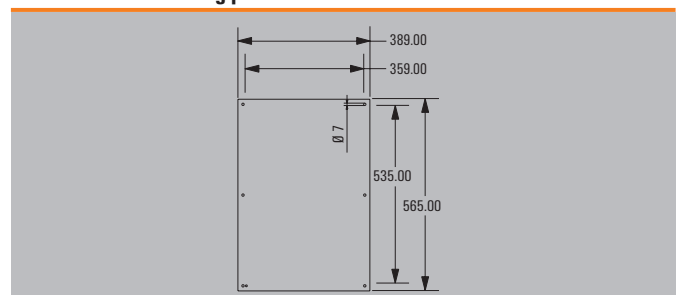
Number of cable entries

Number of cable entries	A / B	C / D
M12	38	48
M16	21	27
M20	18	24
M25	8	10
M32	6	9
M40	5	7
M50	4	6
M63	0	0
M75	0	0

Note

Our IP 68 brass cable glands are used as the reference for these guideline values.

Dimensions of mounting plate





Height/Width/Depth 620 / 450 / 200 mm

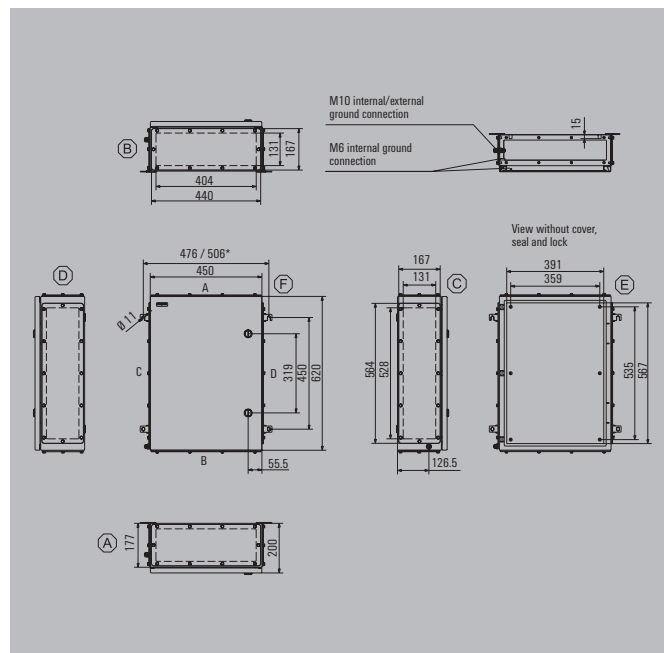
Ordering data

Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom	1200730000
2 gland plates - top and bottom sides (A & B)	1200740000
3 gland plates - bottom, left and right sides (B, C & D)	1200750000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1200760000
Note	Painted sheet steel enclosure available on request. Standard colour is similar to RAL 7035.

Accessories

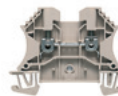
Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1194020000
Stainless steel 1.4301	1193890000
With hole pattern, natural stainless steel 1.4301	1257740000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256640000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256650000
Mounting screw, stainless steel 1.4404	1253230000
Mirror-polish Stainless steel 1.4301 rain hood (2R)	
	1281520000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	1252780000
For DIN A5 size documents	1252750000
For DIN A4 size documents	1252730000
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm ²	3x105	5x71
4 mm ²	3x88	5x59
6 mm ²	3x66	4x45
10 mm ²	2x53	4x36
16 mm ²	2x44	3x30
35 mm ²	1x33	2x22



Note

*For enclosure versions with zero, one or two gland plates, the horizontal gap between the mounting feet is reduced by 30 mm.
 Assembly with terminal blocks provides for 10 mm clearance to the ends of the mounting rail.
 Recommended order:
 TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal)
 ZDU 2.5 1808510000 / (tension clamp terminal) PDU 2.5 1896110000
 TS 32 mounting rail (screw terminal) SAK 2.5 0279680000
 TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

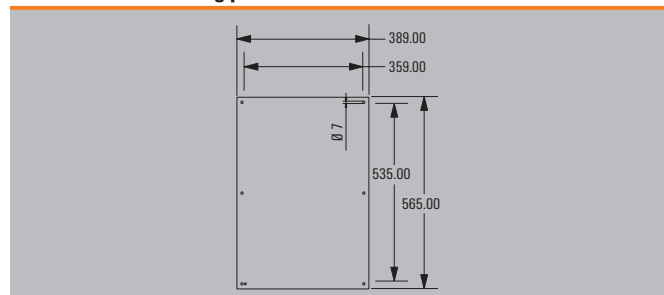
Number of cable entries

Number of cable entries	A / B	C / D
M12	63	80
M16	42	54
M20	27	36
M25	23	30
M32	12	17
M40	10	14
M50	4	6
M63	4	5
M75	3	4

Note

Our IP 68 brass cable glands serve as a reference for these recommended values.

Dimensions of mounting plate





Height/Width/Depth 762 / 508 / 200 mm

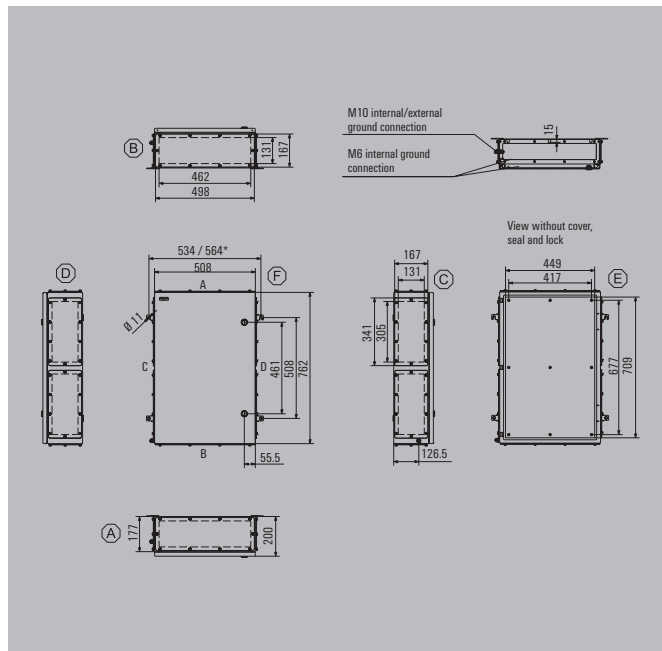
Ordering data

Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom	1200840000
2 gland plates - top and bottom sides (A & B)	1200850000
3 gland plates - bottom, left and right sides (B, C & D)	1200860000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1200870000
Note	Painted sheet steel enclosure available on request. Standard colour is similar to RAL 7035.

Accessories

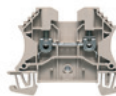
Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1194030000
Stainless steel 1.4301	1193900000
With hole pattern, natural stainless steel 1.4301	1257750000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256680000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256690000
Mounting screw, stainless steel 1.4404	1253230000
Mirror-polish Stainless steel 1.4301 rain hood (2R)	
	1281540000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	1252780000
For DIN A5 size documents	1252750000
For DIN A4 size documents	1252730000
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm²	4x132	7x82
4 mm²	4x111	6x69
6 mm²	3x83	5x52
10 mm²	3x67	5x42
16 mm²	2x56	4x35
35 mm²	2x42	3x26



Note

*For enclosure versions with zero, one or two gland plates, the horizontal gap between the mounting feet is reduced by 30 mm.
Assembly with terminal blocks provides for 10 mm clearance to the ends of the mounting rail.
Recommended order:
TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal) ZDU 2.5 1608510000 / (tension clamp terminal) PDU 2.5 1896110000
TS 32 mounting rail (screw terminal) SAK 2.5 0279660000
TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

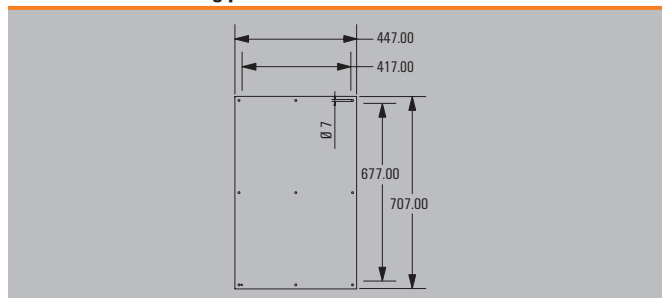
Number of cable entries

Number of cable entries	A / B	C / D
M12	70	96
M16	48	64
M20	32	40
M25	26	34
M32	14	18
M40	12	14
M50	5	6
M63	4	6
M75	3	4

Note

Our IP 68 brass cable glands are used as the reference for these guideline values.

Dimensions of mounting plate



Klippon® TB QL 916115

Depth 150 mm



Height/Width/Depth 914 / 610 / 150 mm

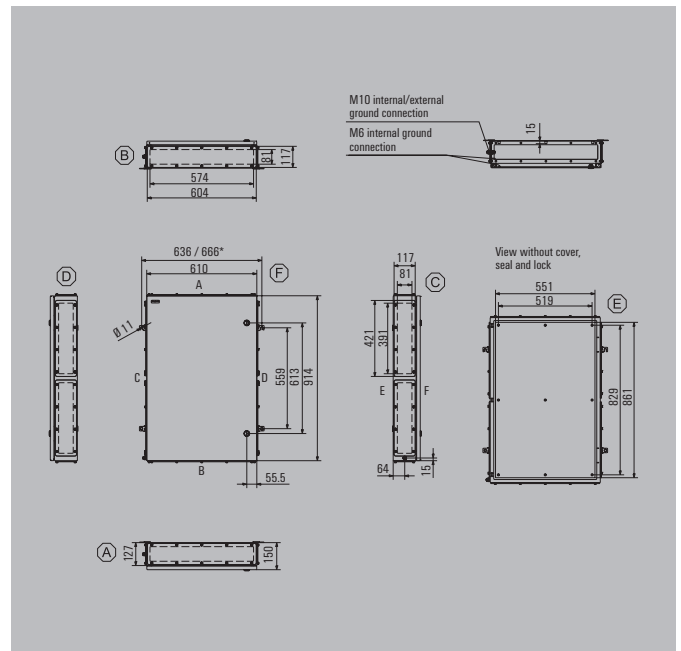
Ordering data

Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom	1200890000
2 gland plates - top and bottom sides (A & B)	1200910000
3 gland plates - bottom, left and right sides (B, C & D)	1200920000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1200930000
Note	Painted sheet steel enclosure available on request. Standard colour is similar to RAL 7035.

Accessories

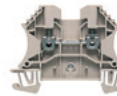
Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1194040000
Stainless steel 1.4301	1193910000
With hole pattern, natural stainless steel 1.4301	1257760000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256710000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256720000
Mounting screw, stainless steel 1.4404	1253230000
Mirror-polish Stainless steel 1.4301 rain hood (2R)	
	1281550000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	1252780000
For DIN A5 size documents	1252750000
For DIN A4 size documents	1252730000
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm²	5x161	8x102
4 mm²	4x135	7x85
6 mm²	4x102	7x64
10 mm²	3x82	6x52
16 mm²	3x68	5x43
35 mm²	2x51	4x32



Note

*For enclosure versions with zero, one or two gland plates, the horizontal gap between the mounting feet is reduced by 30 mm.
 Assembly with terminal blocks provides for 10 mm clearance to the ends of the mounting rail.
 Recommended order:
 TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal) ZDU 2.5 1608510000 / (tension clamp terminal) PDU 2.5 1896110000
 TS 32 mounting rail (screw terminal) SAK 2.5 0279660000
 TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

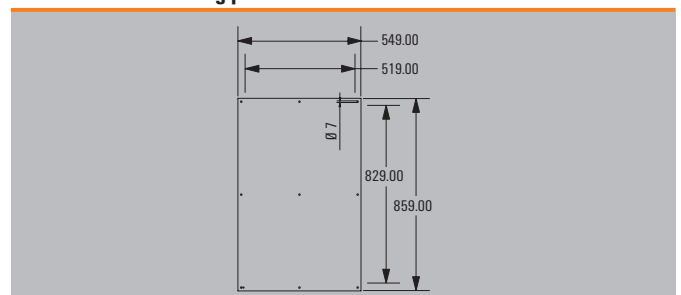
Number of cable entries

Number of cable entries	A / B	C / D
M12	53	70
M16	29	40
M20	25	34
M25	11	14
M32	9	12
M40	8	10
M50	6	8
M63	0	0
M75	0	0

Note

Our IP 68 brass cable glands are used as the reference for these guideline values.

Dimensions of mounting plate





Height/Width/Depth 914 / 610 / 200 mm

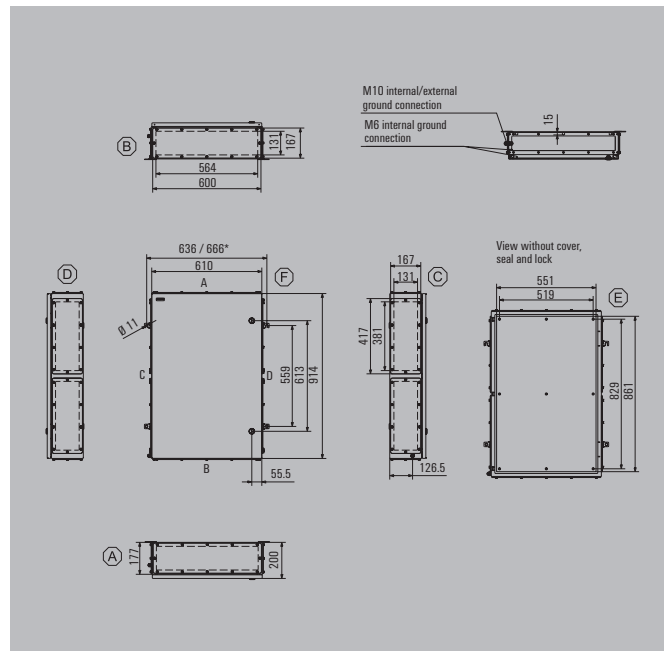
Ordering data

Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom	1200950000
2 gland plates - top and bottom sides (A & B)	1200960000
3 gland plates - bottom, left and right sides (B, C & D)	1200970000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1200980000
Note	Painted sheet steel enclosure available on request. Standard colour is similar to RAL 7035.

Accessories

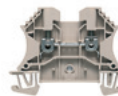
Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1194040000
Stainless steel 1.4301	1193910000
With hole pattern, natural stainless steel 1.4301	1257760000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256730000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256740000
Mounting screw, stainless steel 1.4404	1253230000
Mirror-polish Stainless steel 1.4301 rain hood (2R)	
	1281570000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	1252780000
For DIN A5 size documents	1252750000
For DIN A4 size documents	1252730000
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm ²	5x161	8x102
4 mm ²	4x135	7x85
6 mm ²	4x102	7x64
10 mm ²	3x82	6x52
16 mm ²	3x68	5x43
35 mm ²	2x51	4x32



Note

*For enclosure versions with zero, one or two gland plates, the horizontal gap between the mounting feet is reduced by 30 mm.
 Assembly with terminal blocks provides for 10 mm clearance to the ends of the mounting rail.
 Recommended order:
 TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal) ZDU 2.5 1608510000 / (tension clamp terminal) PDU 2.5 1896110000
 TS 32 mounting rail (screw terminal) SAK 2.5 0279660000
 TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

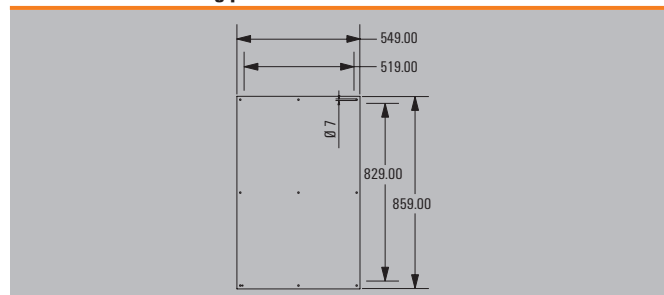
Number of cable entries

Number of cable entries	A / B	C / D
M12	88	116
M16	58	80
M20	38	52
M25	33	42
M32	18	24
M40	15	20
M50	6	8
M63	5	6
M75	4	6

Note

Our IP 68 brass cable glands serve as a reference for these recommended values.

Dimensions of mounting plate



Klippon® TB QL 987420

Depth 200 mm



Height/Width/Depth 980 / 740 / 200 mm

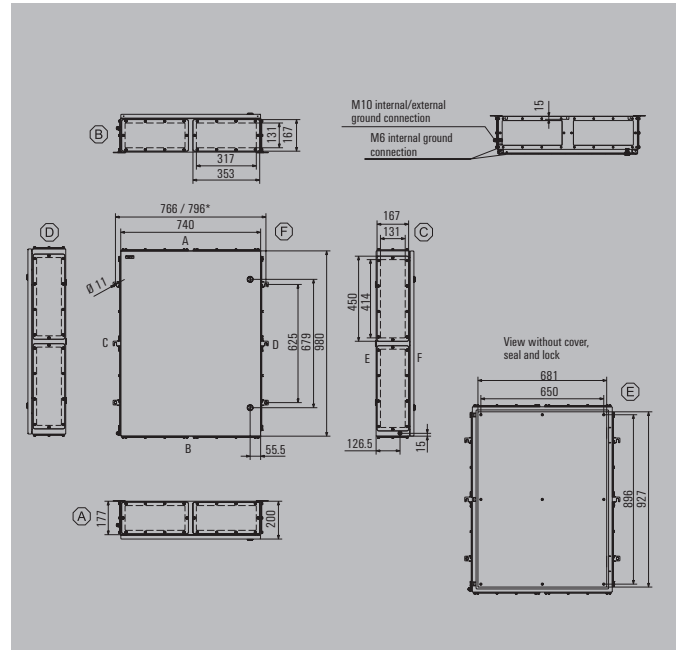
Ordering data

Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom	1201010000
2 gland plates - top and bottom sides (A & B)	1201020000
3 gland plates - bottom, left and right sides (B, C & D)	1201030000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1201040000
Note	Painted sheet steel enclosure available on request. Standard colour is similar to RAL 7035.

Accessories

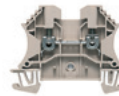
Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1194050000
Stainless steel 1.4301	1193920000
With hole pattern, natural stainless steel 1.4301	1257770000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256750000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256760000
Mounting screw, stainless steel 1.4404	1253230000
Mirror-polish Stainless steel 1.4301 rain hood (2R)	
	1281580000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	1252780000
For DIN A5 size documents	1252750000
For DIN A4 size documents	1252730000
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm ²	6x174	9x127
4 mm ²	6x146	8x106
6 mm ²	5x110	7x80
10 mm ²	4x88	6x64
16 mm ²	4x74	5x54
35 mm ²	3x55	4x40



Note

*For enclosure versions with zero, one or two gland plates, the horizontal gap between the mounting feet is reduced by 30 mm.
 Assembly with terminal blocks provides for 10 mm clearance to the ends of the mounting rail.
 Recommended order:
 TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal)
 ZDU 2.5 1608510000 / (tension clamp terminal) PDU 2.5 1896110000
 TS 32 mounting rail (screw terminal) SAK 2.5 0279660000
 TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

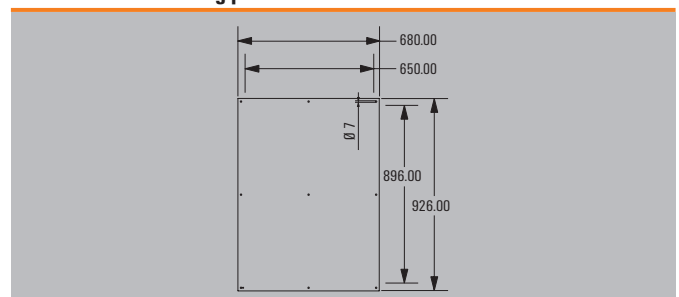
Number of cable entries

Number of cable entries	A / B	C / D
M12	96	126
M16	64	84
M20	42	54
M25	36	48
M32	20	26
M40	16	22
M50	6	10
M63	6	8
M75	4	6

Note

Our IP 68 brass cable glands serve as a reference for these recommended values.

Dimensions of mounting plate



Klippon® TB FS - Fixing Screw

Steel enclosures for use in industrial and in explosive hazard areas

The Klippon® TB enclosure range features superior performance characteristics, even in the most extreme environmental surroundings. In addition, it meets the rigorous requirements of potentially explosive atmospheres that can be found in the process or power generation industries. The Klippon® TB FS enclosure range complements our Klippon® TB MH and Klippon® TB QL standard enclosures.

Information about the System accessories – Page 68.

The Klippon® TB FS range of enclosures offers the following advantages:

- Available in 12 sizes and 3 standard depths
- Equipped with up to 4 gland plates
- The gasket is protected against compression
- Cover lock outside the sealed zone
- Improved temperature performance
- IP66/IP67 protection
- Earth studs in enclosure cover and bottom section
- Welded mounting feet

Our assembly service can supply these enclosures preassembled with terminals and cable glands according to customer requirements.



Overview of enclosures

Ordering data

Description	Length x width x depth in mm	1 Gland Plate (below)	2 Gland Plates (above + below)	3 Gland Plates (below + sides)	4 Gland Plates (all sides)
KTB FS 221513 S4E_*	229 x 152 x 133	1195660000	1195670000	1195680000	1195690000
KTB FS 262615 S4E_*	260 x 260 x 150	1195710000	1195720000	1195730000	1195740000
KTB FS 262620 S4E_*	260 x 260 x 200	1195760000	1195770000	1195780000	1195790000
KTB FS 303015 S4E_*	306 x 306 x 150	1195810000	1195820000	1195830000	1195840000
KTB FS 303020 S4E_*	306 x 306 x 200	1195860000	1195870000	1195880000	1195890000
KTB FS 352615 S4E_*	350 x 260 x 150	1195910000	1195920000	1195930000	1195940000
KTB FS 352620 S4E_*	350 x 260 x 200	1195960000	1195970000	1195980000	1195990000
KTB FS 403015 S4E_*	400 x 300 x 150	1196010000	1196020000	1196030000	1196040000
KTB FS 403020 S4E_*	400 x 300 x 200	1196060000	1196070000	1196080000	1196090000
KTB FS 453815 S4E_*	458 x 382 x 150	1196110000	1196120000	1196130000	1196140000
KTB FS 453820 S4E_*	458 x 382 x 200	1196160000	1196170000	1196180000	1196190000
KTB FS 484815 S4E_*	480 x 480 x 150	1196210000	1196220000	1196230000	1196240000
KTB FS 484820 S4E_*	480 x 480 x 200	1196260000	1196270000	1196280000	1196290000
KTB FS 553515 S4E_*	550 x 350 x 150	1196310000	1196320000	1196330000	1196340000
KTB FS 553520 S4E_*	550 x 350 x 200	1196360000	1196370000	1196380000	1196390000
KTB FS 624515 S4E_*	620 x 450 x 150	1196410000	1196420000	1196430000	1196440000
KTB FS 624520 S4E_*	620 x 450 x 200	1196460000	1196470000	1196480000	1196490000
KTB FS 765015 S4E_*	762 x 508 x 150	1196510000	1196520000	1196530000	1196540000
KTB FS 765020 S4E_*	762 x 508 x 200	1196560000	1196570000	1196580000	1196590000
KTB FS 916115 S4E_*	914 x 610 x 150	1196610000	1196620000	1196630000	1196640000
KTB FS 916120 S4E_*	914 x 610 x 200	1196660000	1196670000	1196680000	1196690000
KTB FS 987420 S4E_*	980 x 740 x 200	1196710000	1196720000	1196730000	1196740000
Note		The Klippon® TB FS enclosures are subject to a minimum order quantity. * Placeholder for the number of flange plates (1, 2, 3, 4). Klippon® TB FS enclosures without flange plates are available on request.			

Technical data

Enclosure material	Stainless steel 1.4404 (316L) 1.5 mm
Surface	Electroplished
IP protection class	IP 66 / IP 67 (IP 66 to IEC EN 60079-0)
NEMA Rating	3, 4x, 12
Gland plates	1 - 4 (fixed with M6 hexagon head screws with a slot and 10 mm heads), optionally without a gland plate
Gland plate thickness	3 mm (other thickness are available on request)
Earthing inside	Enclosure base: welded M6 stainless steel earth studs
Earthing outside	Continuous M10 brass earth stud (optionally with stainless-steel earth stud)
Installation mounting	4 or 9 mounting bolts with M6 threaded holes to attach the mounting plate or mounting rails
Enclosure attachment	by means of 4 welded-on mounting feet with 11 mm holes (2 slots and 2 circular mounting feet)
Lid opening	Fully removable lid
Lid fixing	M6 hexagon head slotted screws SW10
Impact resistance	7 J ATEX applications, 10 J industrial applications
Gasket material	Silicone
Operating temperature range*	-60 °C...+135 °C*
Torque - cover and flange plate screws**	2.5 Nm
Note	*If used in temperature ranges above 105 °C, IP protection is limited to IP 66. **For securing the cover we recommend our 10 mm hexagonal socket wrench (9009070000)

Approvals for empty enclosures

ATEX certificate	IBExU 14ATEX1028U	GOST Ex	POCC DE.ME92.B02036
ATEX marking	II 2 G Ex e IIC Gb	CCOE	P267536/1
	II 2 D Ex tb IIIC Db	cULus	E243298
IECEx certificate	IECEx IBE 14.0004U	Germanischer Lloyd	11535 - 10 HH
IECEx marking	Ex e IIC Gb	Russian Maritime Register	10.04094.250
	Ex tb IIIC	INMETRO	IEEx 13.0004U
Note	The Klippon® TB FS enclosure range can be pre-fitted in our customer specific production department according to your wishes; as an example, terminals, or other approved components, can be installed as required.		

Approvals for control and distribution box

ATEX certificate	IBExU 14ATEX1050	IECEx certificate	IECEx IBE 14.0013
ATEX marking	II 2G Ex e IIC T6... T4 Gb or II 2G Ex eb IIC T6... T4	IECEx marking	Ex e IIC T6... T4 Gb or Ex eb IIC T6... T4
	II 1G Ex ia IIC T6... T4 Ga or II 1G Ex ia IIC T6... T4		Ex ia IIC T6... T4 Ga or Ex ia IIC T6... T4
	II 2(1)G Ex e [ia Ga] IIC T6... T4 Gb or II 2(1)G Ex eb [ia Ga] IIC T6 ... T4		Ex e ia IIC T6... T4 Gb or Ex eb ia IIC T6 ... T4
	II 2D Ex tb IIIC T 85°C... 135°C Db or II 2D Ex tb IIIC T85 °C... T135 °C		Ex tb IIIC T 85°C... 135°C Db or Ex tb IIIC T85 °C... T135 °C
	II 1D Ex ia IIIC T135 °C Da or II 1D Ex ia IIIC T135 °C		Ex ia IIIC T135 °C Da or Ex ia IIIC T135 °C
		INMETRO certificate	IEx 13.0005
		INMETRO marking	Ex e IIC T6...T4 Gb, Ex ia IIC T6...T4 Ga, Ex e ia IIC T6...T4 Gb, Ex tb IIIC T85 °C...T135 °C Db IP 66/IP 67
Note			

Integrate, expand and customise: the perfect supplement to every application

The fully structured range of system accessories for the Klippon® TB enclosure range allows you to easily adapt the enclosure to meet the specific requirements of every application.

The following options are available:

1 Document holder

Document holders for storage of important documents in the enclosure.

2 Earthing studs

Earthing studs are replaceable. Available in two versions – brass and stainless steel.

3 Gland plates

Gland plates are available as spares and also in various material thicknesses.

4 Mounting plates

Mounting plates with and without a drilling pattern, for horizontal and vertical mounting of rails, or components fitted directly.

5 Mounting hardware kits

Mounting hardware kits are available for quick and easy installation of label holders, mounting plates, gland plates, document holders and rain hoods.

6 Locking systems

Various locking systems are available for the safe securing of the enclosure. There are padlocks for the Klippon® TB MH enclosures and a range of lock inserts for the Klippon® TB QL enclosures.

7 Type label holder

A range of label holders are available for product identification.



Klippon® TB FS 221513

Depth **133 mm**

Height/Width/Depth 229 / 152 / 133 mm

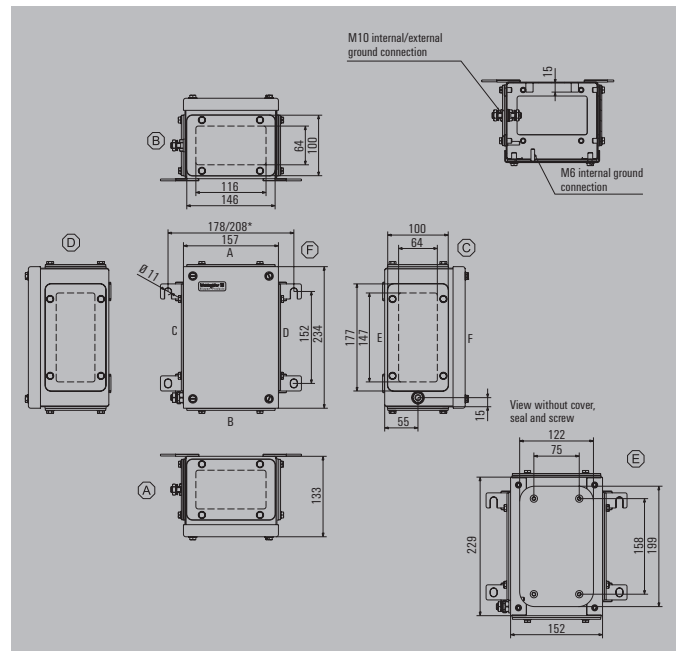
Ordering data

Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom side (B)	1195660000
2 gland plates - top and bottom sides (A & B)	1195670000
3 gland plates - bottom, left and right sides (B, C & D)	1195680000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1195690000
Note	Painted sheet steel enclosure available on request. The colours of painted enclosures may vary under certain circumstances.

Accessories

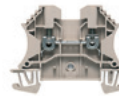
Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1193930000
Stainless steel 1.4301	1193810000
With hole pattern, natural stainless steel 1.4301	1257650000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256270000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256280000
Mounting screw, stainless steel 1.4404	1253230000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	
For DIN A5 size documents	
For DIN A4 size documents	
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm²	1x29	1x15
4 mm²	1x22	1x13
6 mm²	1x16	1x9
10 mm²	1x13	1x7
16 mm²	1x11	1x6
35 mm²	1x8	1x3



Note

*For the enclosure versions with no, one or two gland plates, the horizontal distance between the mounting feet is reduced by 30 mm.

The assembly with modular terminals gives consideration to a distance of 10 mm from the end of each mounting rail.

Order recommendations:

TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal)

ZDU 2.5 1808510000 / (tension clamp terminal) PDU 2.5 1896110000

TS 32 mounting rail (screw terminal) SAK 2.5 0279680000

TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

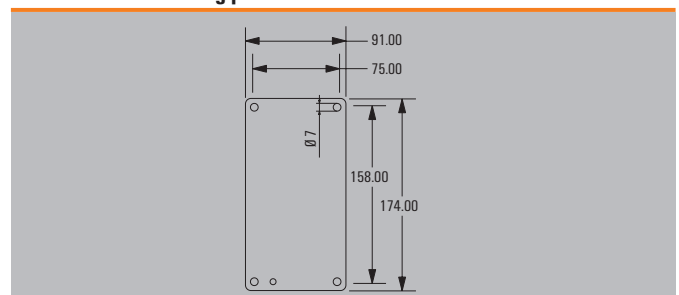
Number of cable entries

Number of cable entries	A / B	C / D
M12	6	8
M16	5	6
M20	2	3
M25	2	2
M32	1	2
M40	1	2
M50	0	0
M63	0	0
M75	0	0

Note

Our IP 68 brass cable glands are used as the reference for these guideline values.

Dimensions of mounting plate





Height/Width/Depth 260 / 260 / 150 mm

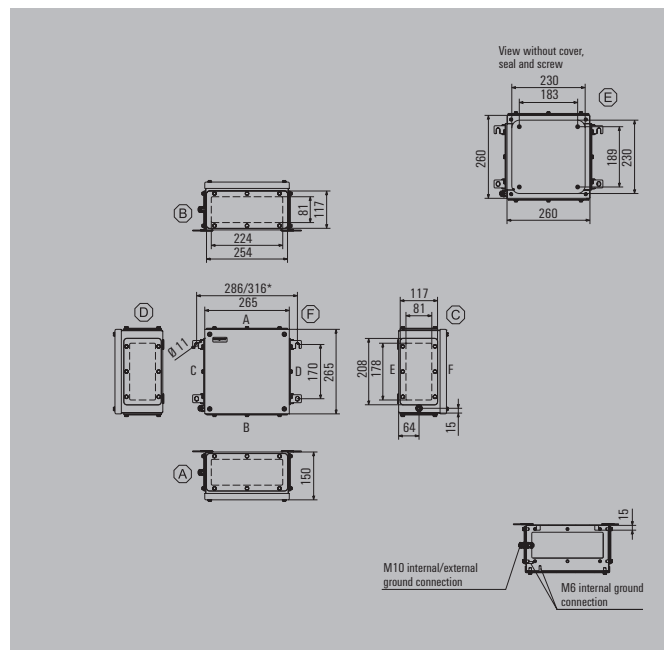
Ordering data

Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom side (B)	1195710000
2 gland plates - top and bottom sides (A & B)	1195720000
3 gland plates - bottom, left and right sides (B, C & D)	1195730000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1195740000
Note	Painted sheet steel enclosure available on request. The colours of painted enclosures may vary under certain circumstances.

Accessories

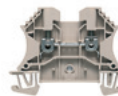
Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1193950000
Stainless steel 1.4301	1193820000
With hole pattern, natural stainless steel 1.4301	1257660000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256290000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256310000
Mounting screw, stainless steel 1.4404	1253230000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	1252780000
For DIN A5 size documents	
For DIN A4 size documents	
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm ²	2x35	2x34
4 mm ²	1x30	1x29
6 mm ²	1x22	1x22
10 mm ²	1x18	1x17
16 mm ²	1x15	1x14
35 mm ²	1x10	1x10



Note

*For the enclosure versions with no, one or two gland plates, the horizontal distance between the mounting feet is reduced by 30 mm.

The assembly with modular terminals gives consideration to a distance of 10 mm from the end of each mounting rail.

Order recommendations:

TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal)

ZDU 2.5 1608510000 / (tension clamp terminal) PDU 2.5 1896110000

TS 32 mounting rail (screw terminal) SAK 2.5 0279660000

TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

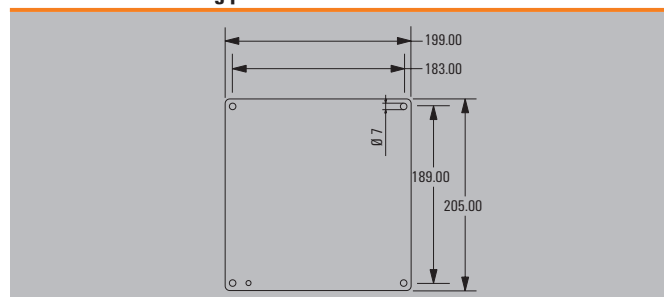
Number of cable entries

Number of cable entries	A / B	C / D
M12	20	15
M16	11	8
M20	9	7
M25	4	3
M32	3	2
M40	3	2
M50	2	2
M63	0	0
M75	0	0

Note

Our IP 68 brass cable glands are used as the reference for these guideline values.

Dimensions of mounting plate



Klippon® TB FS 262620

Depth 200 mm



Height/Width/Depth 260 / 260 / 200 mm

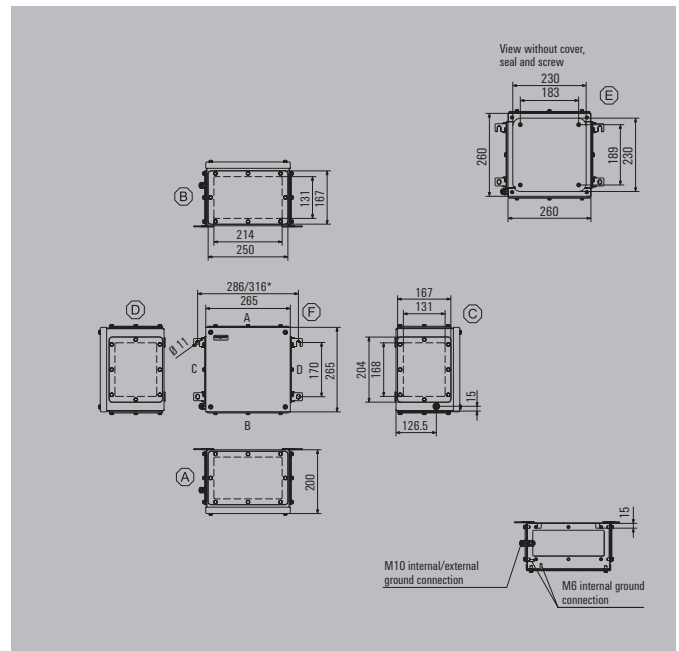
Ordering data

Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom side (B)	1195760000
2 gland plates - top and bottom sides (A & B)	1195770000
3 gland plates - bottom, left and right sides (B, C & D)	1195780000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1195790000
Note	Painted sheet steel enclosure available on request. The colours of painted enclosures may vary under certain circumstances.

Accessories

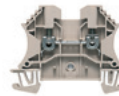
Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1193950000
Stainless steel 1.4301	1193820000
With hole pattern, natural stainless steel 1.4301	1257660000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256320000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256330000
Mounting screw, stainless steel 1.4404	1253230000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	1252780000
For DIN A5 size documents	
For DIN A4 size documents	
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm ²	2x35	2x34
4 mm ²	1x30	1x29
6 mm ²	1x22	1x22
10 mm ²	1x18	1x17
16 mm ²	1x15	1x14
35 mm ²	1x10	1x10



Note

*For the enclosure versions with no, one or two gland plates, the horizontal distance between the mounting feet is reduced by 30 mm.

The assembly with modular terminals gives consideration to a distance of 10 mm from the end of each mounting rail.

Order recommendations:

TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal)

ZDU 2.5 1608510000 / (tension clamp terminal) PDU 2.5 1896110000

TS 32 mounting rail (screw terminal) SAK 2.5 0279660000

TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

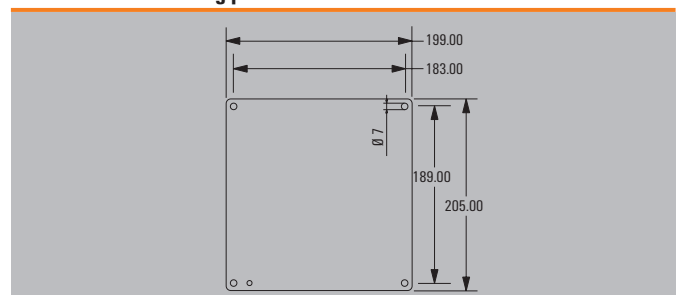
Number of cable entries

Number of cable entries	A / B	C / D
M12	33	25
M16	22	16
M20	14	11
M25	12	9
M32	6	4
M40	5	4
M50	2	2
M63	2	1
M75	1	1

Note

Our IP 68 brass cable glands are used as the reference for these guideline values.

Dimensions of mounting plate





Height/Width/Depth 306 / 306 / 150 mm

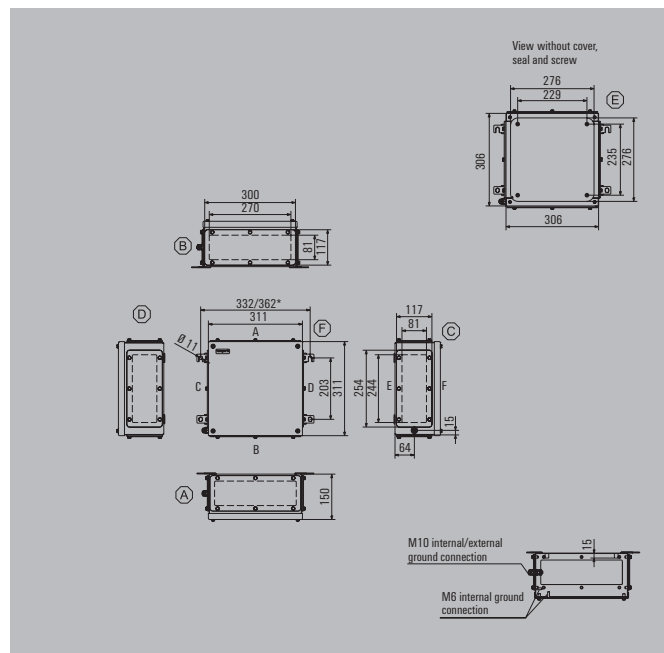
Ordering data

Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom side (B)	1195810000
2 gland plates - top and bottom sides (A & B)	1195820000
3 gland plates - bottom, left and right sides (B, C & D)	1195830000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1195840000
Note	Painted sheet steel enclosure available on request. The colours of painted enclosures may vary under certain circumstances.

Accessories

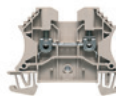
Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1193960000
Stainless steel 1.4301	1193830000
With hole pattern, natural stainless steel 1.4301	1257670000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256340000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256350000
Mounting screw, stainless steel 1.4404	1253230000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	1252780000
For DIN A5 size documents	1252750000
For DIN A4 size documents	
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm ²	2x44	2x43
4 mm ²	2x37	2x36
6 mm ²	2x28	2x27
10 mm ²	1x22	1x22
16 mm ²	1x19	1x18
35 mm ²	1x14	1x13



Note

*For the enclosure versions with no, one or two gland plates, the horizontal distance between the mounting feet is reduced by 30 mm.
The assembly with modular terminals gives consideration to a distance of 10 mm from the end of each mounting rail.
Order recommendations:
TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal)
ZDU 2.5 1608510000 / (tension clamp terminal) PDU 2.5 1896110000
TS 32 mounting rail (screw terminal) SAK 2.5 0279660000
TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

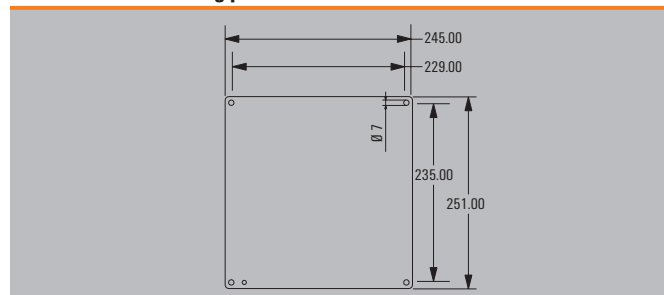
Number of cable entries

Number of cable entries	A / B	C / D
M12	24	20
M16	13	11
M20	11	9
M25	5	4
M32	4	3
M40	3	3
M50	3	2
M63	0	0
M75	0	0

Note

Our IP 68 brass cable glands are used as the reference for these guideline values.

Dimensions of mounting plate



Klippon® TB FS 303020

Depth 200 mm



Height/Width/Depth 306 / 306 / 200 mm

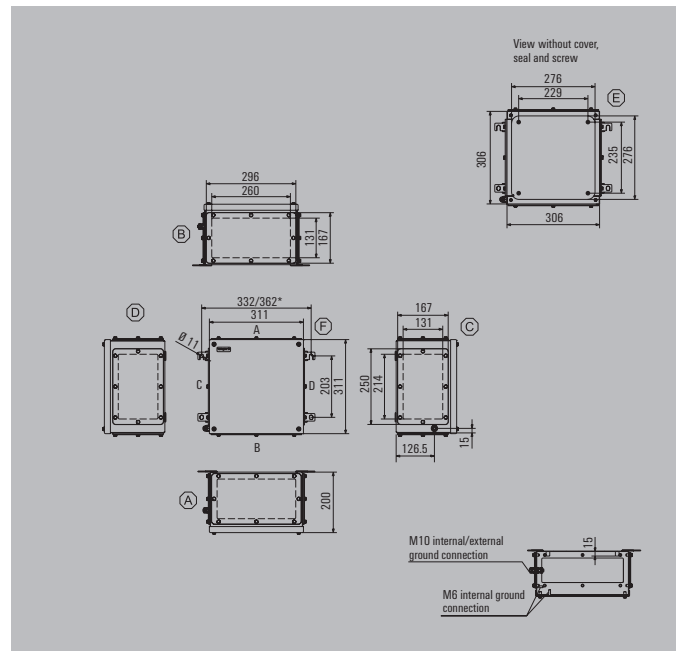
Ordering data

Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom side (B)	1195860000
2 gland plates - top and bottom sides (A & B)	1195870000
3 gland plates - bottom, left and right sides (B, C & D)	1195880000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1195890000
Note	Painted sheet steel enclosure available on request. The colours of painted enclosures may vary under certain circumstances.

Accessories

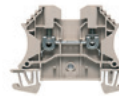
Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1193960000
Stainless steel 1.4301	1193830000
With hole pattern, natural stainless steel 1.4301	1257670000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256360000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256370000
Mounting screw, stainless steel 1.4404	1253230000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	1252780000
For DIN A5 size documents	1252750000
For DIN A4 size documents	
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm ²	2x44	2x43
4 mm ²	2x37	2x36
6 mm ²	2x28	2x27
10 mm ²	1x22	1x22
16 mm ²	1x19	1x18
35 mm ²	1x14	1x13



Note

*For the enclosure versions with no, one or two gland plates, the horizontal distance between the mounting feet is reduced by 30 mm.

The assembly with modular terminals gives consideration to a distance of 10 mm from the end of each mounting rail.

Order recommendations:

TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal)

ZDU 2.5 1608510000 / (tension clamp terminal) PDU 2.5 1896110000

TS 32 mounting rail (screw terminal) SAK 2.5 0279660000

TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

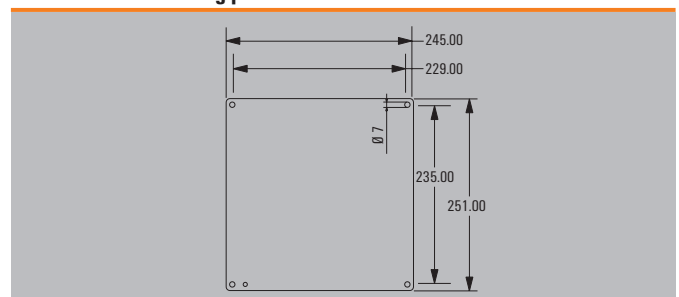
Number of cable entries

Number of cable entries	A / B	C / D
M12	40	33
M16	26	22
M20	17	14
M25	14	12
M32	8	6
M40	6	5
M50	3	2
M63	2	2
M75	2	1

Note

Our IP 68 brass cable glands are used as the reference for these guideline values.

Dimensions of mounting plate





Height/Width/Depth 350 / 260 / 150 mm

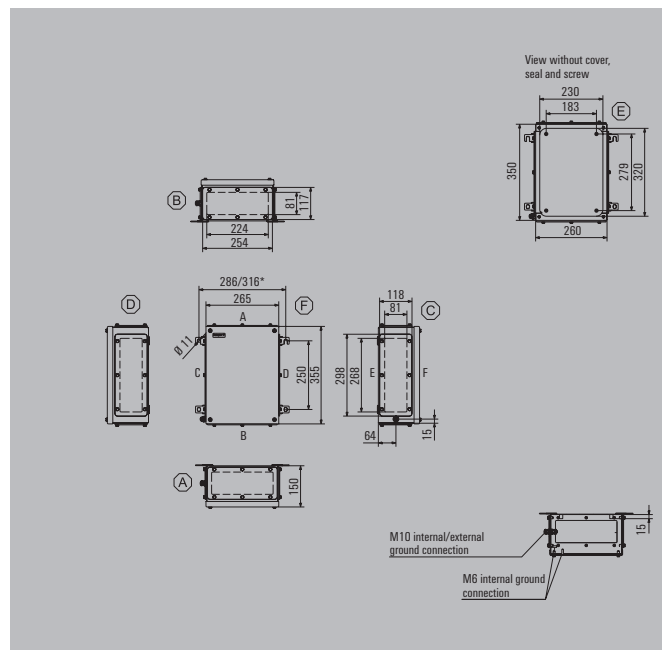
Ordering data

Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom side (B)	1195910000
2 gland plates - top and bottom sides (A & B)	1195920000
3 gland plates - bottom, left and right sides (B, C & D)	1195930000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1195940000
Note Painted sheet steel enclosure available on request. The colours of painted enclosures may vary under certain circumstances.	

Accessories

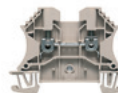
Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1193970000
Stainless steel 1.4301	1193840000
With hole pattern, natural stainless steel 1.4301	1257680000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256380000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256390000
Mounting screw, stainless steel 1.4404	1253230000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	1252780000
For DIN A5 size documents	1252750000
For DIN A4 size documents	
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm ²	2x53	2x34
4 mm ²	1x44	2x29
6 mm ²	1x33	2x22
10 mm ²	1x27	2x17
16 mm ²	1x22	1x14
35 mm ²	1x15	1x11



Note

*For the enclosure versions with no, one or two gland plates, the horizontal distance between the mounting feet is reduced by 30 mm.
The assembly with modular terminals gives consideration to a distance of 10 mm from the end of each mounting rail.
Order recommendations:
TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal) ZDU 2.5 1608510000 / (tension clamp terminal) PDU 2.5 1896110000
TS 32 mounting rail (screw terminal) SAK 2.5 0279680000
TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

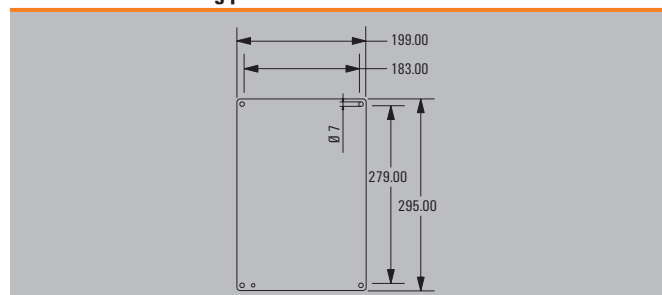
Number of cable entries

Number of cable entries	A / B	C / D
M12	20	23
M16	11	13
M20	9	11
M25	4	5
M32	3	4
M40	3	3
M50	2	3
M63	0	0
M75	0	0

Note

Our IP 68 brass cable glands are used as the reference for these guideline values.

Dimensions of mounting plate



Klippon® TB FS 352620

Depth 200 mm



Height/Width/Depth 350 / 260 / 200 mm

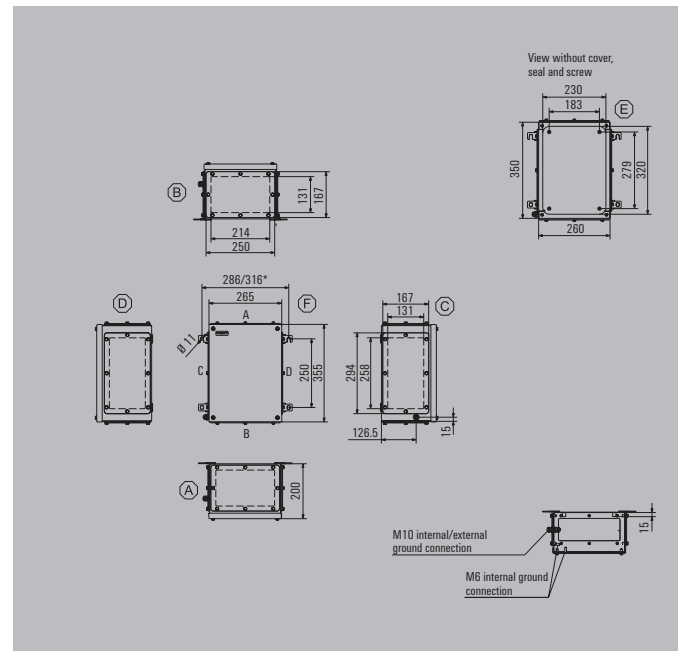
Ordering data

Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom side (B)	1195960000
2 gland plates - top and bottom sides (A & B)	1195970000
3 gland plates - bottom, left and right sides (B, C & D)	1195980000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1195990000
Note	Painted sheet steel enclosure available on request. The colours of painted enclosures may vary under certain circumstances.

Accessories

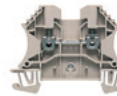
Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1193970000
Stainless steel 1.4301	1193840000
With hole pattern, natural stainless steel 1.4301	1257680000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256410000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256420000
Mounting screw, stainless steel 1.4404	1253230000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	1252780000
For DIN A5 size documents	1252750000
For DIN A4 size documents	
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm ²	2x53	2x34
4 mm ²	1x44	2x29
6 mm ²	1x33	2x22
10 mm ²	1x27	2x17
16 mm ²	1x22	1x14
35 mm ²	1x15	1x11



Note

*For the enclosure versions with no, one or two gland plates, the horizontal distance between the mounting feet is reduced by 30 mm.

The assembly with modular terminals gives consideration to a distance of 10 mm from the end of each mounting rail.

Order recommendations:

TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal)

ZDU 2.5 1608510000 / (tension clamp terminal) PDU 2.5 1896110000

TS 32 mounting rail (screw terminal) SAK 2.5 0279680000

TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

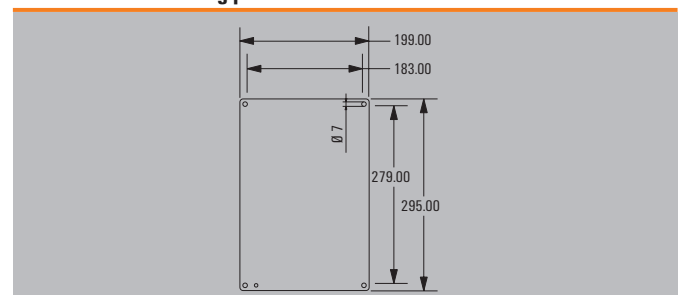
Number of cable entries

Number of cable entries	A / B	C / D
M12	33	38
M16	22	26
M20	14	17
M25	12	14
M32	6	7
M40	5	6
M50	2	3
M63	2	2
M75	1	2

Note

Our IP 68 brass cable glands are used as the reference for these guideline values.

Dimensions of mounting plate





Height/Width/Depth 400 / 300 / 150 mm

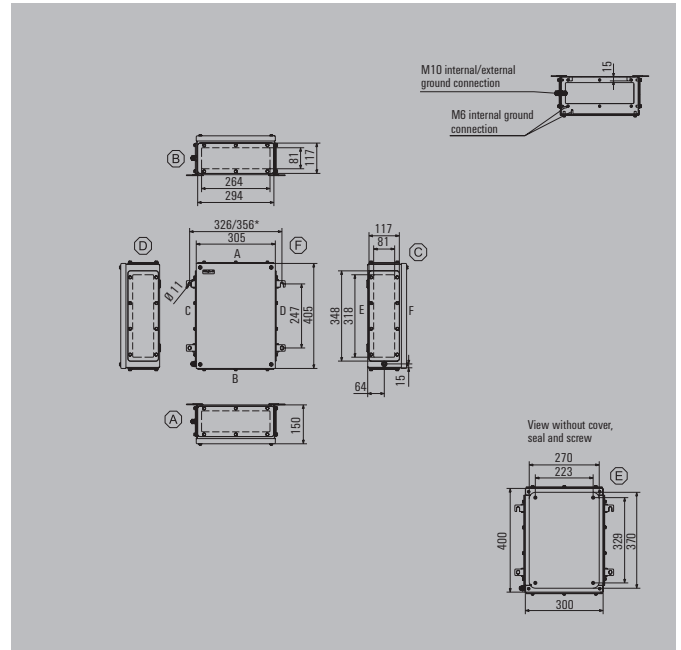
Ordering data

Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom side (B)	1196010000
2 gland plates - top and bottom sides (A & B)	1196020000
3 gland plates - bottom, left and right sides (B, C & D)	1196030000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1196040000
Note	Painted sheet steel enclosure available on request. The colours of painted enclosures may vary under certain circumstances.

Accessories

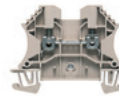
Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1193980000
Stainless steel 1.4301	1193850000
With hole pattern, natural stainless steel 1.4301	1257690000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256430000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256440000
Mounting screw, stainless steel 1.4404	1253230000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	1252780000
For DIN A5 size documents	1252750000
For DIN A4 size documents	
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm²	2x62	3x42
4 mm²	2x52	3x35
6 mm²	1x39	2x26
10 mm²	1x32	2x21
16 mm²	1x26	2x18
35 mm²	1x20	1x13



Note

*For the enclosure versions with no, one or two gland plates, the horizontal distance between the mounting feet is reduced by 30 mm.
The assembly with modular terminals gives consideration to a distance of 10 mm from the end of each mounting rail.
Order recommendations:
TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal) ZDU 2.5 1608510000 / (tension clamp terminal) PDU 2.5 1896110000
TS 32 mounting rail (screw terminal) SAK 2.5 0279660000
TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

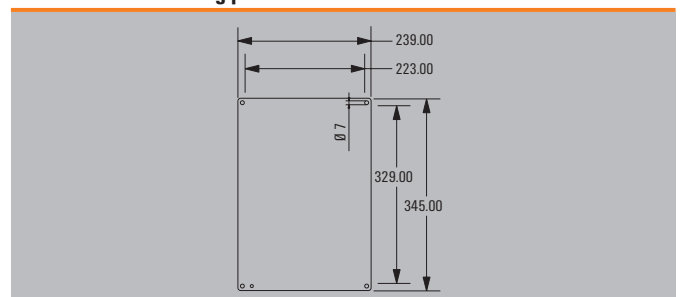
Number of cable entries

Number of cable entries	A / B	C / D
M12	23	29
M16	13	16
M20	11	13
M25	5	6
M32	4	5
M40	3	4
M50	3	3
M63	0	0
M75	0	0

Note

Our IP 68 brass cable glands are used as the reference for these guideline values.

Dimensions of mounting plate



Klippon® TB FS 403020

Depth **200 mm**

Height/Width/Depth 400 / 300 / 200 mm

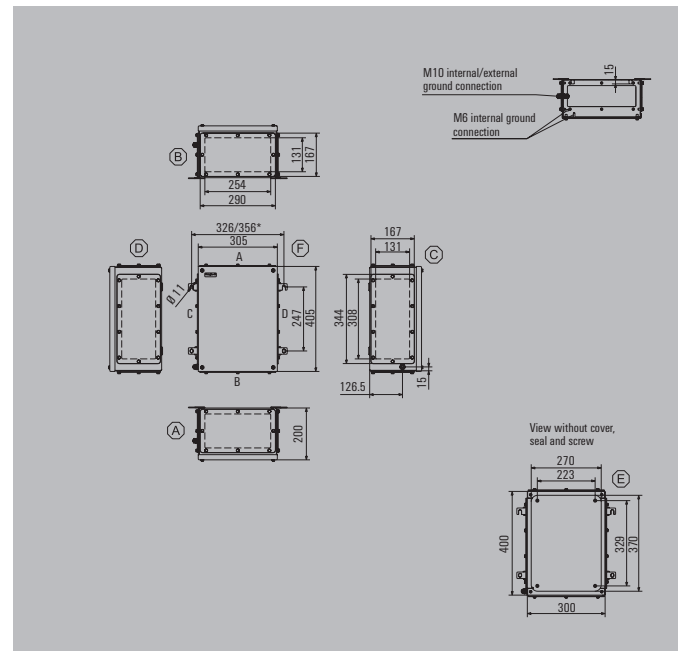
Ordering data

Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom side (B)	1196060000
2 gland plates - top and bottom sides (A & B)	1196070000
3 gland plates - bottom, left and right sides (B, C & D)	1196080000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1196090000
Note	Painted sheet steel enclosure available on request. The colours of painted enclosures may vary under certain circumstances.

Accessories

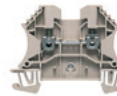
Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1193980000
Stainless steel 1.4301	1193850000
With hole pattern, natural stainless steel 1.4301	1257690000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256450000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256470000
Mounting screw, stainless steel 1.4404	1253230000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	1252780000
For DIN A5 size documents	1252750000
For DIN A4 size documents	
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm ²	2x62	3x42
4 mm ²	2x52	3x35
6 mm ²	1x39	2x26
10 mm ²	1x32	2x21
16 mm ²	1x26	2x18
35 mm ²	1x20	1x13



Note

*For the enclosure versions with no, one or two gland plates, the horizontal distance between the mounting feet is reduced by 30 mm.

The assembly with modular terminals gives consideration to a distance of 10 mm from the end of each mounting rail.

Order recommendations:

TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal)

ZDU 2.5 1808510000 / (tension clamp terminal) PDU 2.5 1896110000

TS 32 mounting rail (screw terminal) SAK 2.5 0279680000

TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

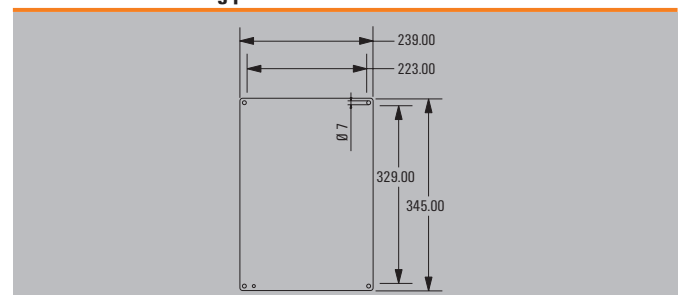
Number of cable entries

Number of cable entries	A / B	C / D
M12	38	48
M16	26	32
M20	17	20
M25	14	17
M32	7	9
M40	6	7
M50	3	3
M63	2	3
M75	2	2

Note

Our IP 68 brass cable glands are used as the reference for these guideline values.

Dimensions of mounting plate





Height/Width/Depth 458 / 382 / 150 mm

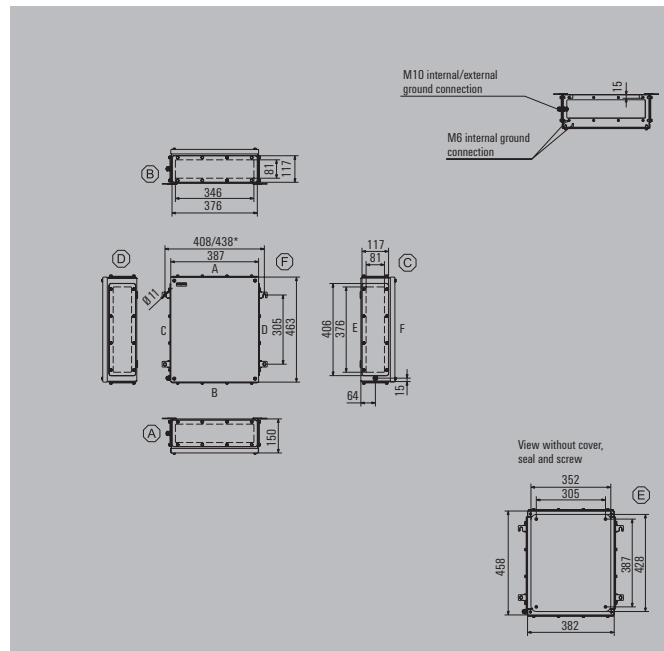
Ordering data

Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom side (B)	1196110000
2 gland plates - top and bottom sides (A & B)	1196120000
3 gland plates - bottom, left and right sides (B, C & D)	1196130000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1196140000
Note	Painted sheet steel enclosure available on request. The colours of painted enclosures may vary under certain circumstances.

Accessories

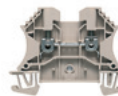
Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1193990000
Stainless steel 1.4301	1193860000
With hole pattern, natural stainless steel 1.4301	1257700000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256480000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256490000
Mounting screw, stainless steel 1.4404	1253230000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	1252780000
For DIN A5 size documents	1252750000
For DIN A4 size documents	1252730000
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm ²	3x73	4x58
4 mm ²	2x62	3x48
6 mm ²	2x46	3x36
10 mm ²	2x37	2x29
16 mm ²	2x31	2x24
35 mm ²	1x23	1x18



Note

*For the enclosure versions with no, one or two gland plates, the horizontal distance between the mounting feet is reduced by 30 mm.
The assembly with modular terminals gives consideration to a distance of 10 mm from the end of each mounting rail.
Order recommendations:
TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal) ZDU 2.5 1608510000 / (tension clamp terminal) PDU 2.5 1896110000
TS 32 mounting rail (screw terminal) SAK 2.5 0279660000
TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

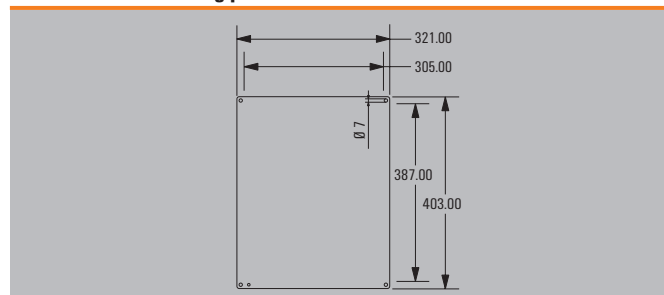
Number of cable entries

Number of cable entries	A / B	C / D
M12	30	33
M16	17	19
M20	15	16
M25	6	7
M32	5	6
M40	4	5
M50	4	4
M63	0	0
M75	0	0

Note

Our IP 68 brass cable glands are used as the reference for these guideline values.

Dimensions of mounting plate



Klippon® TB FS 453820

Depth 200 mm



Height/Width/Depth 458 / 382 / 200 mm

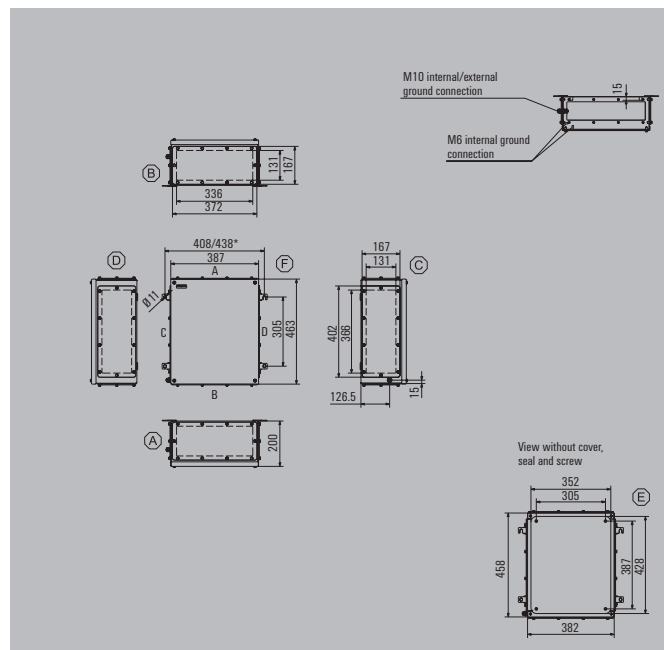
Ordering data

Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom side (B)	1196160000
2 gland plates - top and bottom sides (A & B)	1196170000
3 gland plates - bottom, left and right sides (B, C & D)	1196180000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1196190000
Note	Painted sheet steel enclosure available on request. The colours of painted enclosures may vary under certain circumstances.

Accessories

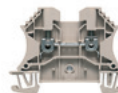
Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1193990000
Stainless steel 1.4301	1193860000
With hole pattern, natural stainless steel 1.4301	1257700000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256510000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256520000
Mounting screw, stainless steel 1.4404	1253230000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	1252780000
For DIN A5 size documents	1252750000
For DIN A4 size documents	1252730000
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm ²	3x73	4x58
4 mm ²	2x62	3x48
6 mm ²	2x46	3x36
10 mm ²	2x37	2x29
16 mm ²	2x31	2x24
35 mm ²	1x23	1x18



Note

*For the enclosure versions with no, one or two gland plates, the horizontal distance between the mounting feet is reduced by 30 mm.

The assembly with modular terminals gives consideration to a distance of 10 mm from the end of each mounting rail.

Order recommendations:

TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal)

ZDU 2.5 1608510000 / (tension clamp terminal) PDU 2.5 1896110000

TS 32 mounting rail (screw terminal) SAK 2.5 0279660000

TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

Number of cable entries

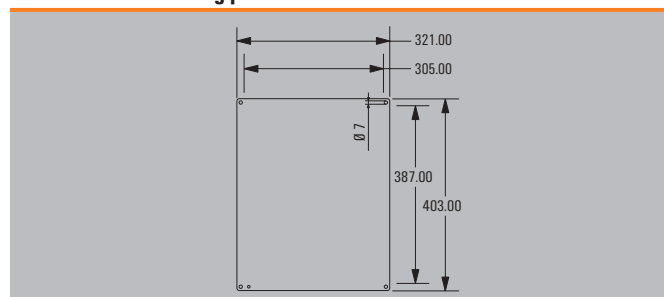
Number of cable entries	A / B	C / D
M12	50	55
M16	34	38
M20	23	24
M25	18	21
M32	10	11
M40	8	9
M50	4	4
M63	3	3
M75	2	3



Note

Our IP 68 brass cable glands are used as the reference for these guideline values.

Dimensions of mounting plate





Height/Width/Depth 480 / 480 / 150 mm

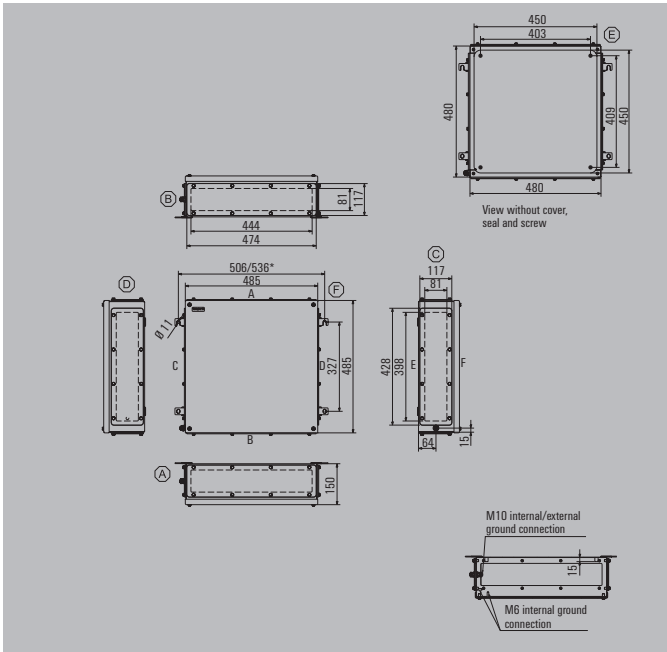
Ordering data

Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom side (B)	1196210000
2 gland plates - top and bottom sides (A & B)	1196220000
3 gland plates - bottom, left and right sides (B, C & D)	1196230000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1196240000
Note Painted sheet steel enclosure available on request. The colours of painted enclosures may vary under certain circumstances.	

Accessories

Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1194000000
Stainless steel 1.4301	1193870000
With hole pattern, natural stainless steel 1.4301	1257710000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256530000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256540000
Mounting screw, stainless steel 1.4404	1253230000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	1252780000
For DIN A5 size documents	1252750000
For DIN A4 size documents	1252730000
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm ²	4x78	4x77
4 mm ²	3x65	3x64
6 mm ²	3x49	3x48
10 mm ²	2x39	3x39
16 mm ²	2x33	2x32
35 mm ²	1x25	2x24

Note

*For the enclosure versions with no, one or two gland plates, the horizontal distance between the mounting feet is reduced by 30 mm.
The assembly with modular terminals gives consideration to a distance of 10 mm from the end of each mounting rail.
Order recommendations:
TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal) ZDU 2.5 1608510000 / (tension clamp terminal) PDU 2.5 1896110000
TS 32 mounting rail (screw terminal) SAK 2.5 0279660000
TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

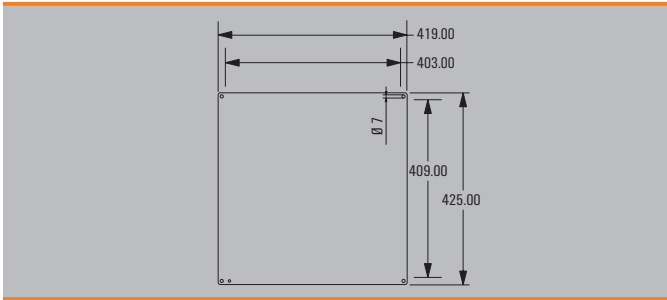
Number of cable entries

Number of cable entries	A / B	C / D
M12	39	36
M16	22	20
M20	19	17
M25	8	7
M32	7	6
M40	6	5
M50	5	4
M63	0	0
M75	0	0

Note

Our IP 68 brass cable glands are used as the reference for these guideline values.

Dimensions of mounting plate



Klippon® TB FS 484820

Depth 200 mm



Height/Width/Depth 480 / 480 / 200 mm

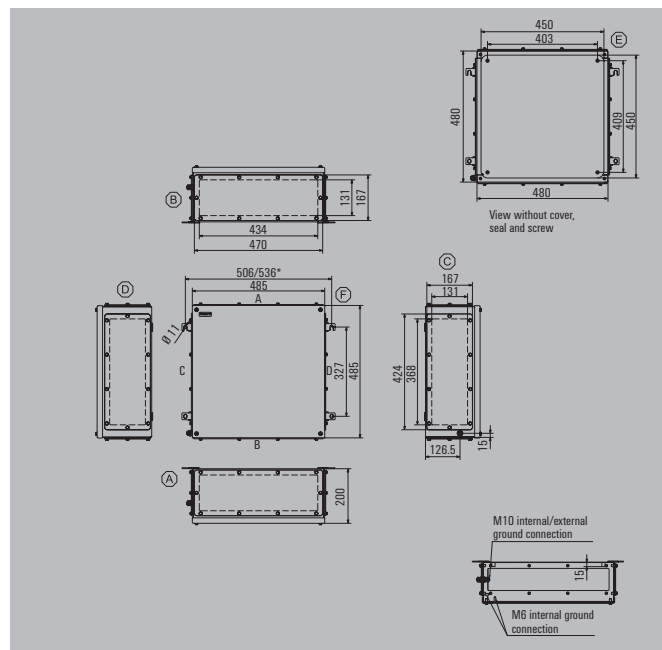
Ordering data

Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom side (B)	1196260000
2 gland plates - top and bottom sides (A & B)	1196270000
3 gland plates - bottom, left and right sides (B, C & D)	1196280000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1196290000
Note	Painted sheet steel enclosure available on request. The colours of painted enclosures may vary under certain circumstances.

Accessories

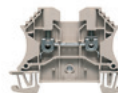
Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1194000000
Stainless steel 1.4301	1193870000
With hole pattern, natural stainless steel 1.4301	1257710000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256550000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256560000
Mounting screw, stainless steel 1.4404	1253230000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	1252780000
For DIN A5 size documents	1252750000
For DIN A4 size documents	1252730000
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm²	4x78	4x77
4 mm²	3x65	3x64
6 mm²	3x49	3x48
10 mm²	2x39	3x39
16 mm²	2x33	2x32
35 mm²	1x25	2x24



Note

*For the enclosure versions with no, one or two gland plates, the horizontal distance between the mounting feet is reduced by 30 mm.

The assembly with modular terminals gives consideration to a distance of 10 mm from the end of each mounting rail.

Order recommendations:

TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal)

ZDU 2.5 1608510000 / (tension clamp terminal) PDU 2.5 1896110000

TS 32 mounting rail (screw terminal) SAK 2.5 0279680000

TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

Number of cable entries

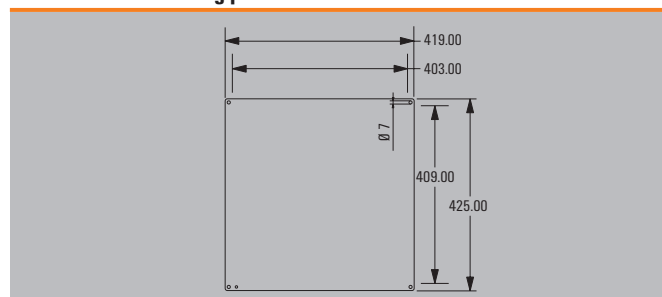
Number of cable entries	A / B	C / D
M12	65	60
M16	44	40
M20	29	26
M25	24	21
M32	13	12
M40	11	10
M50	5	4
M63	4	4
M75	3	3



Note

Our IP 68 brass cable glands are used as the reference for these guideline values.

Dimensions of mounting plate





Height/Width/Depth

550 / 350 / 150 mm

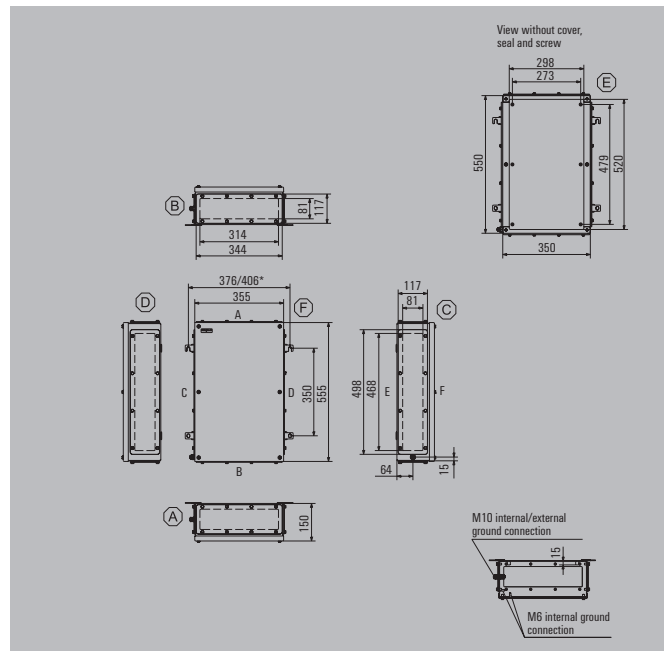
Ordering data

Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom side (B)	1196310000
2 gland plates - top and bottom sides (A & B)	1196320000
3 gland plates - bottom, left and right sides (B, C & D)	1196330000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1196340000
Note	Painted sheet steel enclosure available on request. The colours of painted enclosures may vary under certain circumstances.

Accessories

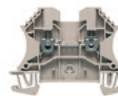
Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1194010000
Stainless steel 1.4301	1193880000
With hole pattern, natural stainless steel 1.4301	1257720000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256570000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256580000
Mounting screw, stainless steel 1.4404	1253230000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	1252780000
For DIN A5 size documents	1252750000
For DIN A4 size documents	1252730000
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm²	2x91	4x52
4 mm²	2x76	4x43
6 mm²	2x58	4x32
10 mm²	2x46	3x26
16 mm²	1x39	3x22
35 mm²	1x29	2x16



Note

*For the enclosure versions with no, one or two gland plates, the horizontal distance between the mounting feet is reduced by 30 mm.

The assembly with modular terminals gives consideration to a distance of 10 mm from the end of each mounting rail.

Order recommendations:

TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal)

ZDU 2.5 1608510000 / (tension clamp terminal) PDU 2.5 1896110000

TS 32 mounting rail (screw terminal) SAK 2.5 0279680000

TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

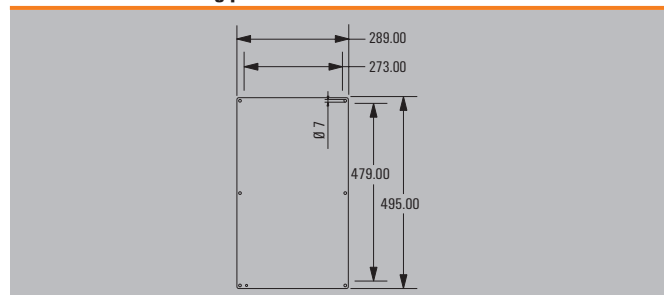
Number of cable entries

Number of cable entries	A / B	C / D
M12	27	42
M16	15	24
M20	13	20
M25	6	9
M32	5	7
M40	4	6
M50	3	5
M63	0	0
M75	0	0

Note

Our IP 68 brass cable glands are used as the reference for these guideline values.

Dimensions of mounting plate



Klippon® TB FS 553520

Depth **200 mm**

Height/Width/Depth 550 / 350 / 200 mm

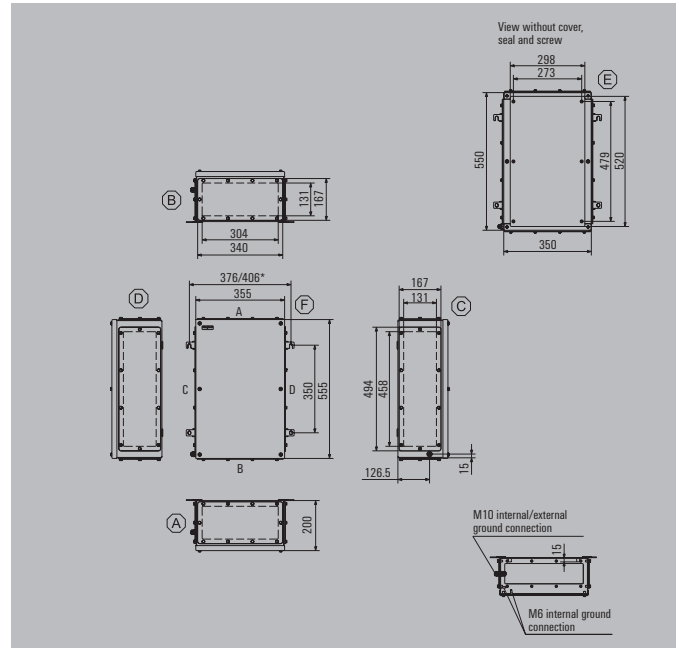
Ordering data

Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom side (B)	1196360000
2 gland plates - top and bottom sides (A & B)	1196370000
3 gland plates - bottom, left and right sides (B, C & D)	1196380000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1196390000
Note	Painted sheet steel enclosure available on request. The colours of painted enclosures may vary under certain circumstances.

Accessories

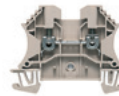
Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1194010000
Stainless steel 1.4301	1193880000
With hole pattern, natural stainless steel 1.4301	1257720000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256590000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256610000
Mounting screw, stainless steel 1.4404	1253230000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	1252780000
For DIN A5 size documents	1252750000
For DIN A4 size documents	1252730000
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm ²	2x91	4x52
4 mm ²	2x76	4x43
6 mm ²	2x58	4x32
10 mm ²	2x46	3x26
16 mm ²	1x39	3x22
35 mm ²	1x29	2x16



Note

*For the enclosure versions with no, one or two gland plates, the horizontal distance between the mounting feet is reduced by 30 mm.

The assembly with modular terminals gives consideration to a distance of 10 mm from the end of each mounting rail.

Order recommendations:

TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal)

ZDU 2.5 1608510000 / (tension clamp terminal) PDU 2.5 1896110000

TS 32 mounting rail (screw terminal) SAK 2.5 0279680000

TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

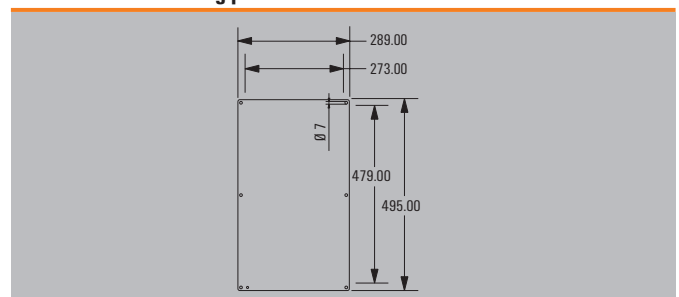
Number of cable entries

Number of cable entries	A / B	C / D
M12	45	70
M16	30	48
M20	20	30
M25	17	26
M32	9	14
M40	7	12
M50	3	5
M63	3	4
M75	2	3

Note

Our IP 68 brass cable glands are used as the reference for these guideline values.

Dimensions of mounting plate





Height/Width/Depth 620 / 450 / 150 mm

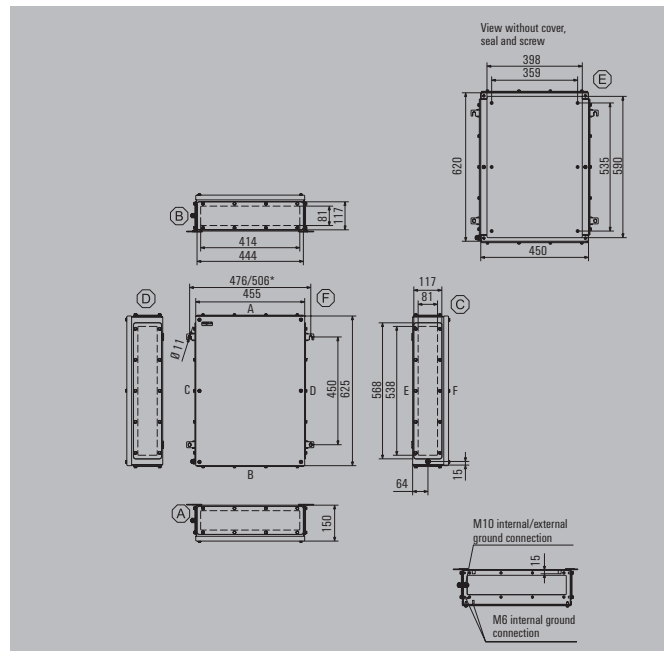
Ordering data

Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom side (B)	1196410000
2 gland plates - top and bottom sides (A & B)	1196420000
3 gland plates - bottom, left and right sides (B, C & D)	1196430000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1196440000
Note	Painted sheet steel enclosure available on request. The colours of painted enclosures may vary under certain circumstances.

Accessories

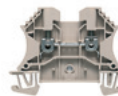
Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1194020000
Stainless steel 1.4301	1193890000
With hole pattern, natural stainless steel 1.4301	1257740000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256620000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256630000
Mounting screw, stainless steel 1.4404	1253230000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	1252780000
For DIN A5 size documents	1252750000
For DIN A4 size documents	1252730000
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm ²	3x105	5x71
4 mm ²	3x88	5x59
6 mm ²	3x66	4x45
10 mm ²	2x53	4x36
16 mm ²	2x44	3x30
35 mm ²	1x33	2x22



Note

*For the enclosure versions with no, one or two gland plates, the horizontal distance between the mounting feet is reduced by 30 mm.
The assembly with modular terminals gives consideration to a distance of 10 mm from the end of each mounting rail.
Order recommendations:
TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal)
ZDU 2.5 1608510000 / (tension clamp terminal) PDU 2.5 1896110000
TS 32 mounting rail (screw terminal) SAK 2.5 0279680000
TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

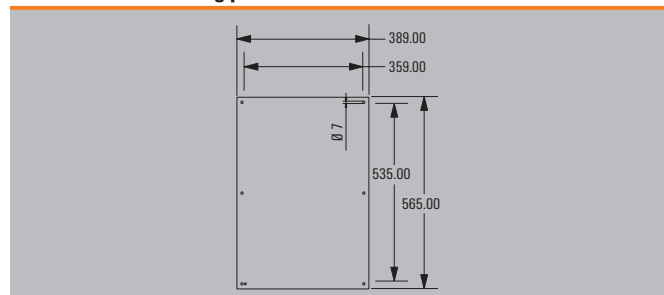
Number of cable entries

Number of cable entries	A / B	C / D
M12	38	48
M16	21	27
M20	18	24
M25	8	10
M32	6	9
M40	5	7
M50	4	6
M63	0	0
M75	0	0

Note

Our IP 68 brass cable glands are used as the reference for these guideline values.

Dimensions of mounting plate



Klippon® TB FS 624520

Depth 200 mm



Height/Width/Depth 620 / 450 / 200 mm

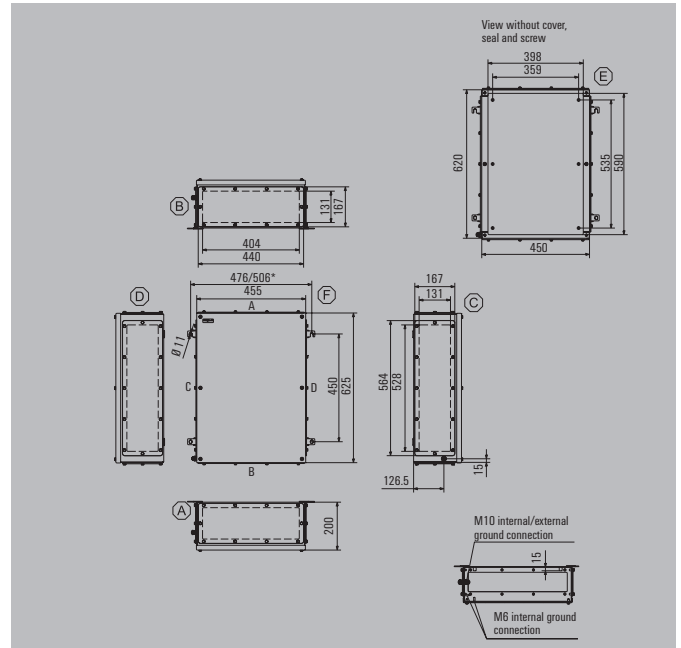
Ordering data

Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom side (B)	1196460000
2 gland plates - top and bottom sides (A & B)	1196470000
3 gland plates - bottom, left and right sides (B, C & D)	1196480000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1196490000
Note	Painted sheet steel enclosure available on request. The colours of painted enclosures may vary under certain circumstances.

Accessories

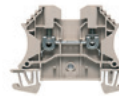
Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1194020000
Stainless steel 1.4301	1193890000
With hole pattern, natural stainless steel 1.4301	1257740000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256640000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256650000
Mounting screw, stainless steel 1.4404	1253230000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	1252780000
For DIN A5 size documents	1252750000
For DIN A4 size documents	1252730000
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm ²	3x105	5x71
4 mm ²	3x88	5x59
6 mm ²	3x66	4x45
10 mm ²	2x53	4x36
16 mm ²	2x44	3x30
35 mm ²	1x33	2x22



Note

*For the enclosure versions with no, one or two gland plates, the horizontal distance between the mounting feet is reduced by 30 mm.

The assembly with modular terminals gives consideration to a distance of 10 mm from the end of each mounting rail.

Order recommendations:

TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal)

ZDU 2.5 1608510000 / (tension clamp terminal) PDU 2.5 1896110000

TS 32 mounting rail (screw terminal) SAK 2.5 0279680000

TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

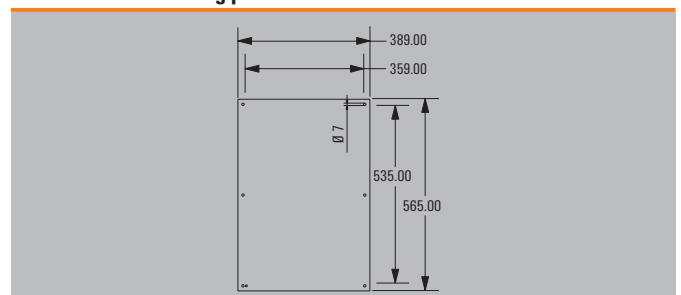
Number of cable entries

Number of cable entries	A / B	C / D
M12	63	80
M16	42	54
M20	27	36
M25	23	30
M32	12	17
M40	10	14
M50	4	6
M63	4	5
M75	3	4

Note

Our IP 68 brass cable glands are used as the reference for these guideline values.

Dimensions of mounting plate





Height/Width/Depth 762 / 508 / 150 mm

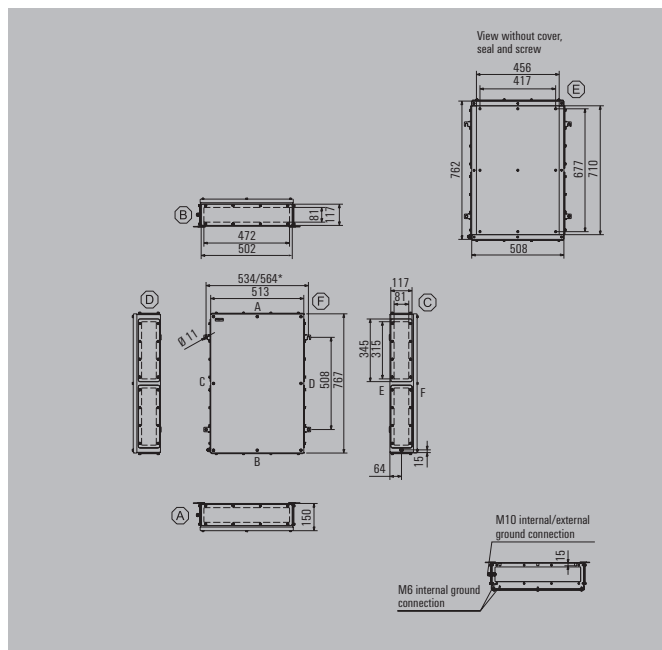
Ordering data

Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom side (B)	1196510000
2 gland plates - top and bottom sides (A & B)	1196520000
3 gland plates - bottom, left and right sides (B, C & D)	1196530000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1196540000
Note	Painted sheet steel enclosure available on request. The colours of painted enclosures may vary under certain circumstances.

Accessories

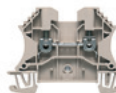
Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1194030000
Stainless steel 1.4301	1193900000
With hole pattern, natural stainless steel 1.4301	1257750000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256660000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256670000
Mounting screw, stainless steel 1.4404	1253230000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	1252780000
For DIN A5 size documents	1252750000
For DIN A4 size documents	1252730000
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm ²	4x132	7x82
4 mm ²	4x111	6x69
6 mm ²	3x83	5x52
10 mm ²	3x67	5x42
16 mm ²	2x56	4x35
35 mm ²	2x42	3x26



Note

*For the enclosure versions with no, one or two gland plates, the horizontal distance between the mounting feet is reduced by 30 mm.

The assembly with modular terminals gives consideration to a distance of 10 mm from the end of each mounting rail.

Order recommendations:

TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal)

ZDU 2.5 1808510000 / (tension clamp terminal) PDU 2.5 1896110000

TS 32 mounting rail (screw terminal) SAK 2.5 0279680000

TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

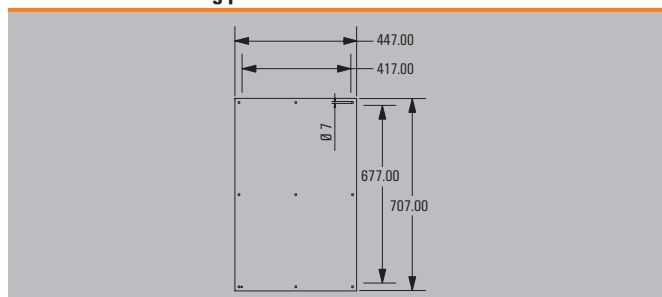
Number of cable entries

Number of cable entries	A / B	C / D
M12	42	58
M16	24	32
M20	21	26
M25	9	12
M32	7	10
M40	6	8
M50	5	6
M63	0	0
M75	0	0

Note

Our IP 68 brass cable glands are used as the reference for these guideline values.

Dimensions of mounting plate



Klippon® TB FS 765020

Depth 200 mm



Height/Width/Depth 762 / 508 / 200 mm

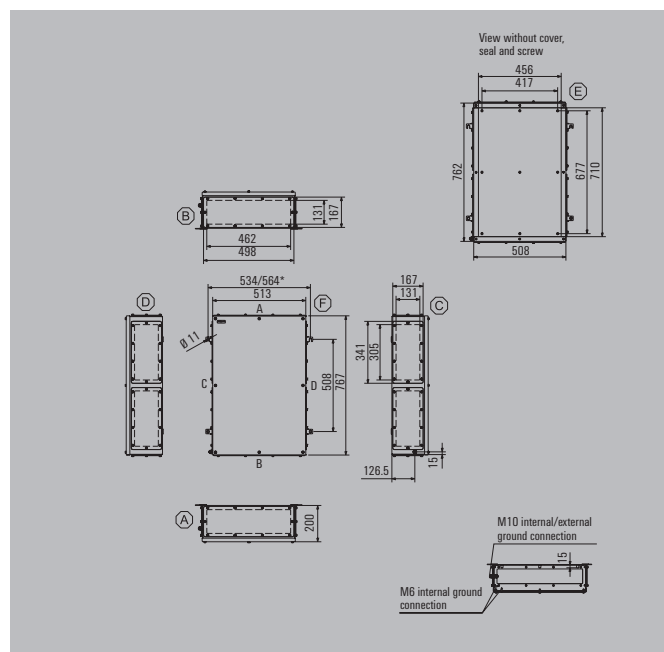
Ordering data

Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom side (B)	1196560000
2 gland plates - top and bottom sides (A & B)	1196570000
3 gland plates - bottom, left and right sides (B, C & D)	1196580000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1196590000
Note	Painted sheet steel enclosure available on request. The colours of painted enclosures may vary under certain circumstances.

Accessories

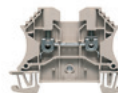
Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1194030000
Stainless steel 1.4301	1193900000
With hole pattern, natural stainless steel 1.4301	1257750000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256680000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256690000
Mounting screw, stainless steel 1.4404	1253230000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	1252780000
For DIN A5 size documents	1252750000
For DIN A4 size documents	1252730000
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm ²	4x132	7x82
4 mm ²	4x111	6x69
6 mm ²	3x83	5x52
10 mm ²	3x67	5x42
16 mm ²	2x56	4x35
35 mm ²	2x42	3x26



Note

*For the enclosure versions with no, one or two gland plates, the horizontal distance between the mounting feet is reduced by 30 mm.

The assembly with modular terminals gives consideration to a distance of 10 mm from the end of each mounting rail.

Order recommendations:

TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal)

ZDU 2.5 1808510000 / (tension clamp terminal) PDU 2.5 1896110000

TS 32 mounting rail (screw terminal) SAK 2.5 0279680000

TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

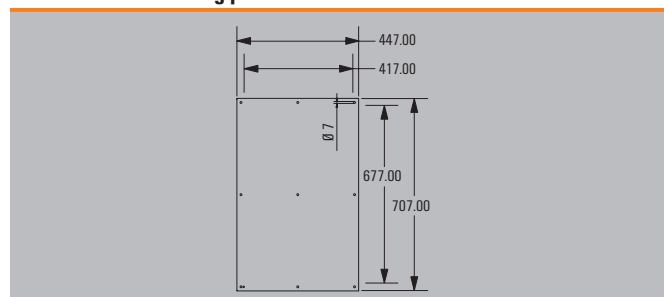
Number of cable entries

Number of cable entries	A / B	C / D
M12	70	96
M16	48	64
M20	32	40
M25	26	34
M32	14	18
M40	12	14
M50	5	6
M63	4	6
M75	3	4

Note

Our IP 68 brass cable glands are used as the reference for these guideline values.

Dimensions of mounting plate





Height/Width/Depth 914 / 610 / 150 mm

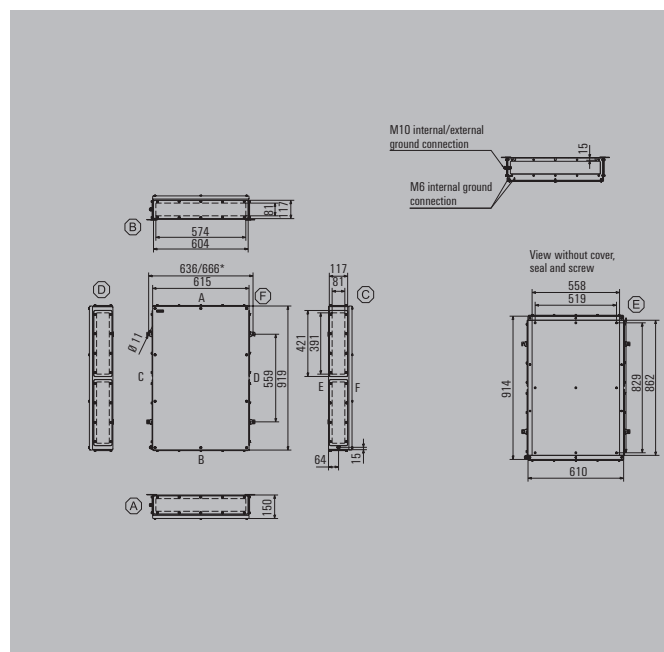
Ordering data

Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom side (B)	1196610000
2 gland plates - top and bottom sides (A & B)	1196620000
3 gland plates - bottom, left and right sides (B, C & D)	1196630000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1196640000
Note	Painted sheet steel enclosure available on request. The colours of painted enclosures may vary under certain circumstances.

Accessories

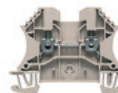
Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1194040000
Stainless steel 1.4301	1193910000
With hole pattern, natural stainless steel 1.4301	1257760000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256710000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256720000
Mounting screw, stainless steel 1.4404	1253230000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	1252780000
For DIN A5 size documents	1252750000
For DIN A4 size documents	1252730000
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm ²	5x161	8x102
4 mm ²	4x135	7x85
6 mm ²	4x102	7x64
10 mm ²	3x82	6x52
16 mm ²	3x68	5x43
35 mm ²	2x51	4x32



Note

*For the enclosure versions with no, one or two gland plates, the horizontal distance between the mounting feet is reduced by 30 mm.

The assembly with modular terminals gives consideration to a distance of 10 mm from the end of each mounting rail.

Order recommendations:

TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal)

ZDU 2.5 1608510000 / (tension clamp terminal) PDU 2.5 1896110000

TS 32 mounting rail (screw terminal) SAK 2.5 0279660000

TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

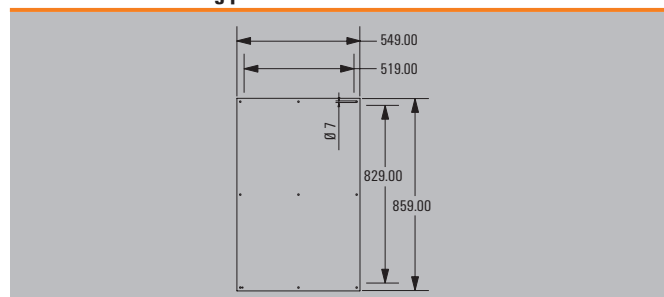
Number of cable entries

Number of cable entries	A / B	C / D
M12	53	70
M16	29	40
M20	25	34
M25	11	14
M32	9	12
M40	8	10
M50	6	8
M63	0	0
M75	0	0

Note

Our IP 68 brass cable glands are used as the reference for these guideline values.

Dimensions of mounting plate



Klippon® TB FS 916120

Depth **200 mm**

Height/Width/Depth 914 / 610 / 200 mm

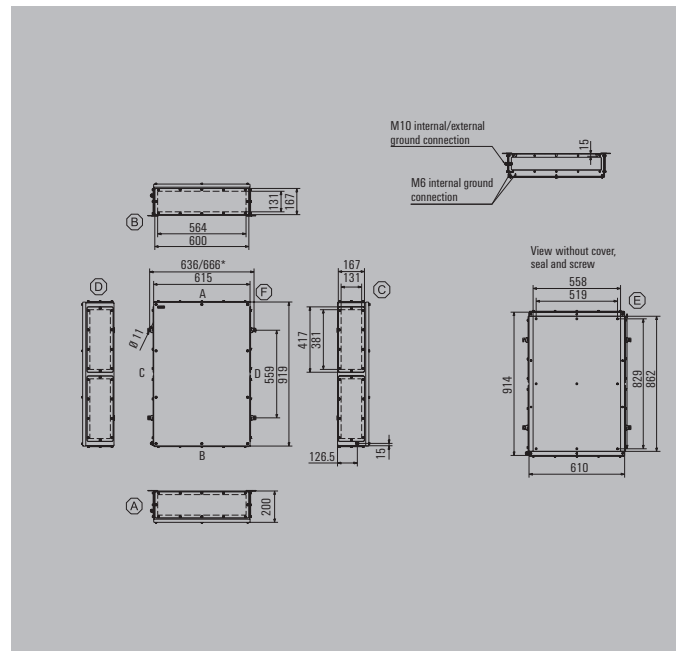
Ordering data

Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom side (B)	1196660000
2 gland plates - top and bottom sides (A & B)	1196670000
3 gland plates - bottom, left and right sides (B, C & D)	1196680000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1196690000
Note	Painted sheet steel enclosure available on request. The colours of painted enclosures may vary under certain circumstances.

Accessories

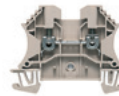
Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1194040000
Stainless steel 1.4301	1193910000
With hole pattern, natural stainless steel 1.4301	1257760000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256730000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256740000
Mounting screw, stainless steel 1.4404	1253230000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	1252780000
For DIN A5 size documents	1252750000
For DIN A4 size documents	1252730000
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm²	5x161	8x102
4 mm²	4x135	7x85
6 mm²	4x102	7x64
10 mm²	3x82	6x52
16 mm²	3x68	5x43
35 mm²	2x51	4x32



Note

*For the enclosure versions with no, one or two gland plates, the horizontal distance between the mounting feet is reduced by 30 mm.

The assembly with modular terminals gives consideration to a distance of 10 mm from the end of each mounting rail.

Order recommendations:

TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal)

ZDU 2.5 1808510000 / (tension clamp terminal) PDU 2.5 1896110000

TS 32 mounting rail (screw terminal) SAK 2.5 0279660000

TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

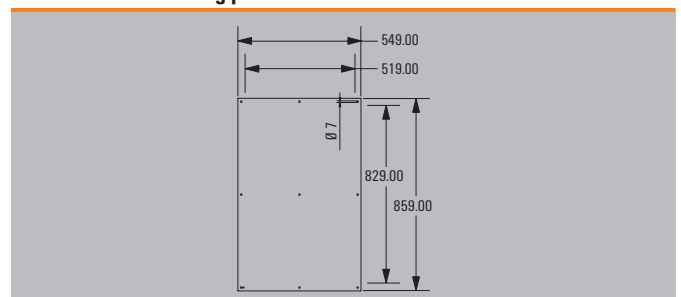
Number of cable entries

Number of cable entries	A / B	C / D
M12	88	116
M16	58	80
M20	38	52
M25	33	42
M32	18	24
M40	15	20
M50	6	8
M63	5	6
M75	4	6

Note

Our IP 68 brass cable glands are used as the reference for these guideline values.

Dimensions of mounting plate





Height/Width/Depth 980 / 740 / 200 mm

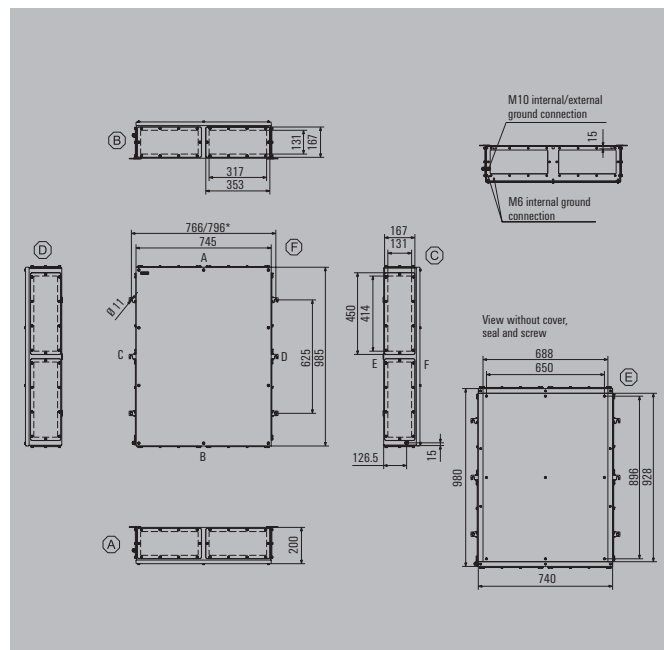
Ordering data

Stainless steel 1.4404 316L, electropolished	Order No.
1 gland plate - bottom side (B)	1196710000
2 gland plates - top and bottom sides (A & B)	1196720000
3 gland plates - bottom, left and right sides (B, C & D)	1196730000
4 gland plates - top, bottom, left and right sides (A, B, C & D)	1196740000
Note	Painted sheet steel enclosure available on request. The colours of painted enclosures may vary under certain circumstances.

Accessories

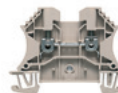
Mounting plates and fastening screws	Order No.
Steel sheet, zinc plated	1194050000
Stainless steel 1.4301	1193920000
With hole pattern, natural stainless steel 1.4301	1257770000
Fastening screws for mounting plates	0642600000
Fastening screws for terminal rails	1274150000
Stainless steel spacer M6 x 8, Set of 4	
10 mm length	0935110000
15 mm length	0935120000
20 mm length	0935130000
30 mm length	0935140000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256750000
Left and right sides (C & D), electropolished stainless steel 1.4404	1256760000
Mounting screw, stainless steel 1.4404	1253230000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
130x50 stainless steel 1.4301	1283450000
100x25 stainless steel 1.4301	1257640000
Document holder	
For DIN A6 size documents	1252780000
For DIN A5 size documents	1252750000
For DIN A4 size documents	1252730000
Set of fixings	
For label holders, rain hoods and document holders (rivet)	1252190000
For plastic (Trafolyte), identification plate (screw)	1285200000
Earthing stud	
Stainless steel 1.4404	1192690000

Note



Max. number of terminals (industry)

Max. number of terminals (industry)	vertical	horizontal
2.5 mm ²	6x174	9x127
4 mm ²	6x146	8x106
6 mm ²	5x110	7x80
10 mm ²	4x88	6x64
16 mm ²	4x74	5x54
35 mm ²	3x55	4x40



Note

*For the enclosure versions with no, one or two gland plates, the horizontal distance between the mounting feet is reduced by 30 mm.

The assembly with modular terminals gives consideration to a distance of 10 mm from the end of each mounting rail.

Order recommendations:

TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal)

ZDU 2.5 1808510000 / (tension clamp terminal) PDU 2.5 1896110000

TS 32 mounting rail (screw terminal) SAK 2.5 0279680000

TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

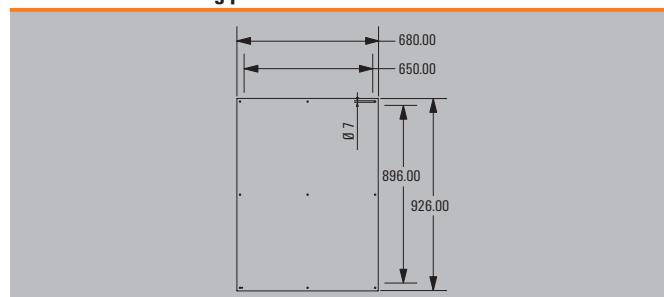
Number of cable entries

Number of cable entries	A / B	C / D
M12	96	126
M16	64	84
M20	42	54
M25	36	48
M32	20	26
M40	16	22
M50	6	10
M63	6	8
M75	4	6

Note

Our IP 68 brass cable glands are used as the reference for these guideline values.

Dimensions of mounting plate



Industry Segments

Oil, gas & petrochemical industry

Applications placed into a harsh or hazardous environment require an approval. Our Klippon® TB range of enclosures are certified to a variety of international standards including the latest European ATEX 2014/34/EU and IECEx standards. These enclosures are typically used in instrumentation and control applications and are ideally suited to meet the demanding needs of the petrochemical industries.



Power industry

Designed to meet the quality and high standards demanded by the power industry (power generation and distribution). The enclosures are suitable for low voltage distribution, lighting and instrumentation applications.



Application specific solutions – Your requirements are our motivation

Each industry has its own requirements calling for more and more individual solutions aside from standard products. Your new product might have to contend with severe conditions. Many applications are subjected to high mechanical strains – through vibration or directly applied forces. Extreme temperature conditions or the application in hazardous areas are further factors your product must be able to comply with. We offer you our competent and target-oriented support for the selection of ideal products for any application. Feel free to contact us!

Individual product development, customer specific assembly or application specific products that are ready for use – with an individual and perfect solution we want to help you to optimise working processes and to ensure your company's sustained efficiency today as well as for the future.

Individual product development

In co-operation with you we will develop individual and futureoriented products on the highest technological level – tailored to your application.

Customer specific assembly

According to your specifications we use our great production expertise and our broad product portfolio to set up the solution meeting your requirements.

Application specific products

Our cross-industrial solutions set standards: Set up for your application, instantly ready for use and available from stock.



Customer specific assembly



Tailored configuration

Consulting, products, development and manufacturing at one stop

As a reliable partner, Weidmüller configures intelligent enclosure solutions that are individually tailored to customer requirements. This enables the customer to reduce costs, enhance efficiency and concentrate fully on their core skills. Weidmüller has the application know-how and the capacities to offer tailored solutions – quickly, flexibly and economically. With partnershipbased consulting, Weidmüller provides support in all areas and defines the tasks together with its customers. As the process continues, Weidmüller selects the ideal components from a wide product portfolio and configures them to create a solution that fits perfectly.



Highest level of professional production

Weidmüller has professional project management and extensive manufacturing skill, for example in the area of ATEX or IECEx. A comprehensive portfolio of customer specific assemblies is available:

- Provision of windows, holes and threads in the enclosure
- Equipment with carrier rails
- Equipment with heli-coil inserts
- Enclosure cover, available on request with hinges and other accessories
- Sophisticated machining options such as mill cutting of contours
- Surface coatings on request: special paints, powder coatings, 'wet paint finish
- Individually co-ordinated device and system markers, e.g. engraved plastic and metal signs – riveted, glued and screw-fitted.
- Furthermore, screw-couplings, cable inlets, command and signal devices can be fitted together with internal wiring
- Welding according to DIN EN 15085-2 for stainless steel and steelplate enclosures



Take multiple profit:

Simplification of ordering and stockholding

One solution – one item number! It will no longer be necessary to order single components. Article variety and stockholding will be reduced.

Professional assembly

All individual components will be pre-assembled thus reducing your assembly time.

Processing of enclosures

Weidmüller uses CNC machining centres to adapt enclosures individually for specific solutions.

Online product catalogue

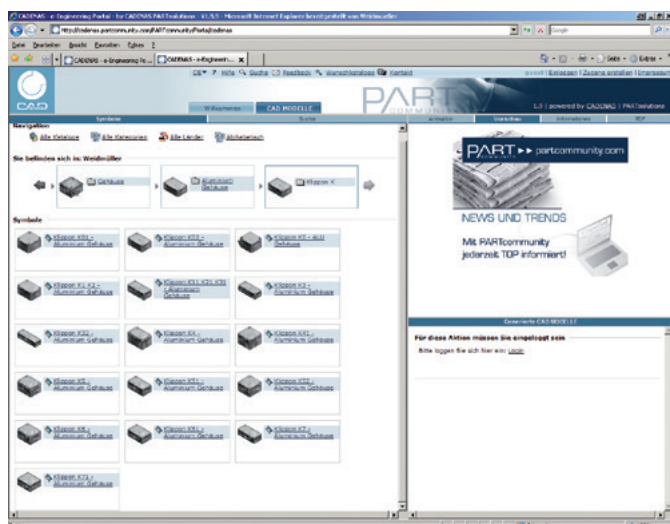


If you have questions about the specifications and details of our products, perhaps even outside normal business hours, then our online catalogue at

<http://catalog.weidmueller.com>

open 24 hours a day, 365 days a year, is the perfect source for information. Besides product features and part numbers, it contains extensive additional information on all product groups.

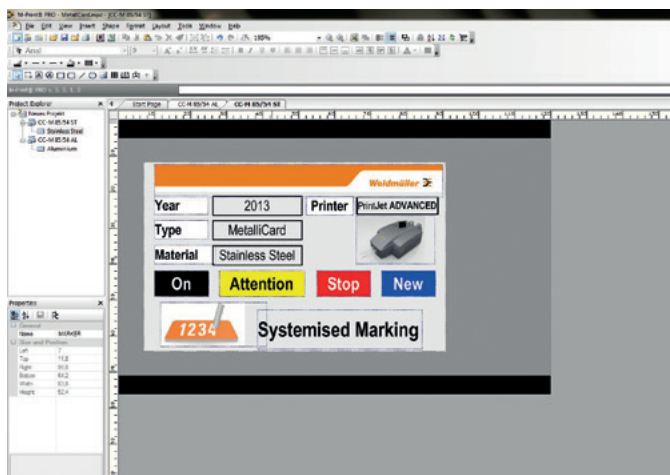
For further information, offers and your personal contact, simply consult the Weidmüller website at **www.weidmueller.com**



CAD drawings

Drawings of Klippon® enclosures can also be downloaded directly in a wide variety of formats from the PART Server

<http://portal-de.partcommunity.com/>



M-Print® PRO label designer

The comprehensive range of Weidmüller services includes the M-Print® PRO software.

This is a professional standard, Windows®-based program for printing and ordering labels and markers that is coordinated with our current printing systems and marking materials.

M-Print® PRO enables you to design your labelling materials professionally and quickly. Texts, borders, lines, graphics, barcodes, serial numbers and photographs are all possible. The interface to RailDesigner® or your CAE system enables the transfer of all your configured data.

We cannot guarantee that there are no mistakes in the publications or software provided by us to the customer for the purpose of making orders. We try our best to quickly correct errors in our printed media.

All orders are based on our general terms of delivery, which can be reviewed on the websites of our group companies where you place your order. On demand we can also send the general terms of delivery to you.

Weidmüller – Your partner in Industrial Connectivity

As experienced experts we support our customers and partners around the world with products, solutions and services in the industrial environment of power, signal and data. We are at home in their industries and markets and know the technological challenges of tomorrow. We are therefore continuously developing innovative, sustainable and useful solutions for their individual needs. Together we set standards in Industrial Connectivity.

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be found on our website:
www.weidmueller.com/countries

Made in Germany



Order number: 2452970000/03/2016/SMKW