

Sheet steel enclosure for industrial and harsh environmental applications

For many decades the name Klippon® has become the synonym for competence and quality in our proven range of enclosures and customer solutions for standard industrial and harsh environment applications. We now continue this philosophy, with the introduction of the new Klippon® JB range of stainless steel enclosures.

Features:

- Brushed stainless steel 1.4404 (316L)
- 10 sizes (available in 2 standard depths)
- Increased flexibility of terminal mounting
- High temperature gasket as standard
- A gland plate design that enables an optimum number of cable entries
- Approved to the latest international standards

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



Technical data

Material	Stainless steel 1.4404 (316L), enclosure 1.5 mm, cover 2.0 mm
Material flange	Stainless steel 1.4404 (316L), 2 mm
Surface	Brushed, grit 240
Cover lid Gasket	Cover lid with non-outgassing silicon seal, circular
Earthing, exterior	M 10 thread receiver with stainless steel screw
Earthing, interior	M 6x15 threaded bolt in enclosure and cover
Enclosure mounting	4 fixing plates for vertical and horizontal wall mounting
Installation options, optional	Direct mounting of up to 5 mounting rails On mounting plate with up to 6 mounting rails With TAS 20, up to 6 mounting rails
Protection class	IP 66, IP 67, IP 68 and NEMA 4x
Impact resistance	10 J
Temperature range	-50 °C to +135 °C

Approvals

KEMA 05ATEX2144 U

II 2 GD EEx e II IP66/IP68

KEMA 05ATEX2104

II 2 GD EEx e... II... T6... T3

II 1 GD EEx ia... T6... T3

II 3 GD EEx nA... II... T6... T3

cULus E243298 GL (Germanischer Lloyd) No. 32576-06 HH LR 06/20039

Overview of enclosures

Type H x W x D	210 x 210 x 160	300 x 210 x 200	300 x 260 x 200	320 x 300 x 200	420 x 400 x 200	420 x 400 x 250
Stainless steel	1907410000	1907420000	1907430000	1907440000	1907450000	1907460000
Type H x W x D	520 x 500 x 200	520 x 500 x 250	630 x 600 x 200	630 x 600 x 250		
Stainless steel	1907470000	1907480000	1907490000	1907500000		



Ordering data

stainless steel, brushed	Order No.
1 gland plate (bottom)	1907410000

Accessories

Terminal rail, vertical, set	Order No.
35 mm wide	1908750000



Terminal rail mounting, vertical, set	
C-profile rails, 20 mm wide	1909030000



Earth bar, horizontal, set	
with connection points	1908820000



Bus bar 10 x 3 mm, horizontal, set	1908890000
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Mounting plate	
	sheet steel, galvanised 1908670000



Spacer, M6 x 8, set of 2		
	15 mm long	3896100000
	20 mm long	3896200000
	30 mm long	3896300000



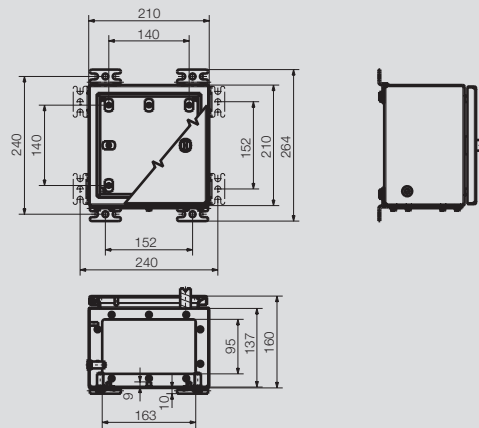
Mounting feet, Replacement, set of 4	1910610000
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Locking options, Replacement, set		
		2-way key bit
		Square, 7 mm
		Spare key
		Wing knob + key*



Klippon JB 21/21/16



Technical data

Terminal content		vertical	horizontal
	2.5 mm	1x23	1x23
	4 mm	1x20	1x20
	6 mm	1x15	1x15
	10 mm	1x12	1x12
	16 mm	1x10	1x10

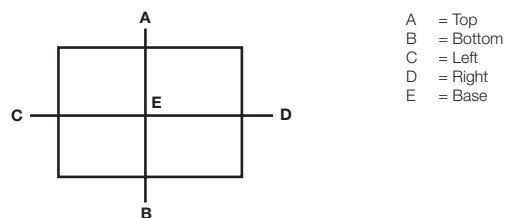


TS 35 DIN Rail (screw clamp terminal) WDU 2.5 1020000000 / (tension clamp terminal) ZDU 2.5 1608510000
TS 32 DIN Rail (screw clamp terminal) SAK 2.5 0279660000
TS 15 DIN Rail (screw clamp terminal) AKZ 2.5 0697160000

Max. number of cable entries per enclosure side **		A / B	C / D
	M 12		
	M 16	15	
	M 20	8	
	M 25	7	
	M 32	3	
	M 40	2	
	M 50	1	
	M 63	1	

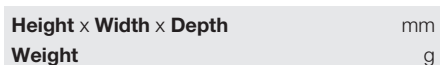


Enclosure sides - ID



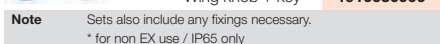
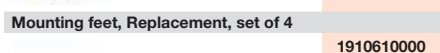
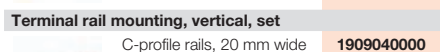
A = Top
B = Bottom
C = Left
D = Right
E = Base

Weidmüller



Ordering data	Order No.
stainless steel, brushed	
1 gland plate (bottom)	1907420000

Terminal rail, vertical, set	Order No.
35 mm wide	1908760000



Technical drawing of the KUBO 1200x1600mm cabinet, showing front, top, and side views with dimensions in millimeters.

Front View Dimensions:

- Overall width: 1630 mm
- Overall height: 2000 mm
- Internal width: 1520 mm
- Internal height: 1900 mm
- Top panel thickness: 10 mm
- Side panel thickness: 9 mm
- Bottom panel thickness: 10 mm
- Door thickness: 10 mm
- Door width: 1520 mm
- Door height: 1900 mm
- Door handle height: 135 mm
- Door handle width: 177 mm
- Door handle depth: 135 mm
- Door handle width: 177 mm
- Door handle depth: 135 mm

Top View Dimensions:

- Overall width: 1630 mm
- Overall height: 2000 mm
- Internal width: 1520 mm
- Internal height: 1900 mm
- Top panel thickness: 10 mm
- Side panel thickness: 9 mm
- Bottom panel thickness: 10 mm
- Door thickness: 10 mm
- Door width: 1520 mm
- Door height: 1900 mm
- Door handle height: 135 mm
- Door handle width: 177 mm
- Door handle depth: 135 mm
- Door handle width: 177 mm
- Door handle depth: 135 mm

Side View Dimensions:

- Overall width: 1630 mm
- Overall height: 2000 mm
- Internal width: 1520 mm
- Internal height: 1900 mm
- Top panel thickness: 10 mm
- Side panel thickness: 9 mm
- Bottom panel thickness: 10 mm
- Door thickness: 10 mm
- Door width: 1520 mm
- Door height: 1900 mm
- Door handle height: 135 mm
- Door handle width: 177 mm
- Door handle depth: 135 mm
- Door handle width: 177 mm
- Door handle depth: 135 mm

Terminal content		vertical	horizontal
	2,5 mm	1x41	2x23
	4 mm	1x34	2x20
	6 mm	1x26	2x15
	10 mm	1x21	2x12
	16 mm	1x18	2x10

When assembling with TAS (C-profile), the 60 mm spacing between the terminal rails can be reduced so that more rails can be incorporated. The assembly with modular terminals includes a 10 mm space at each end of the terminal rail.

Recommendation:

TS 35 DIN Rail (screw clamp terminal) WDU 2.5 1020000000 / (tension clamp terminal) ZDU 2.5 1608510000

TS 32 DIN Rail (screw clamp terminal) SAK 2.5 0279660000

TS 15 DIN Rail (screw clamp terminal) AKZ 2.5 0697160000

	A / B	C / D
	M 12	
	M 16	20
	M 20	12
	M 25	9
	M 32	4
	M 40	2
	M 50	2
	M 63	1

A = Top
 B = Bottom
 C = Left
 D = Right
 E = Base

Note ** Our IP68 brass cable glands serve as a reference for these recommended values.

Stainless steel enclosure for general purpose or harsh environment use

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Height x Width x Depth mm
Weight g

Ordering data

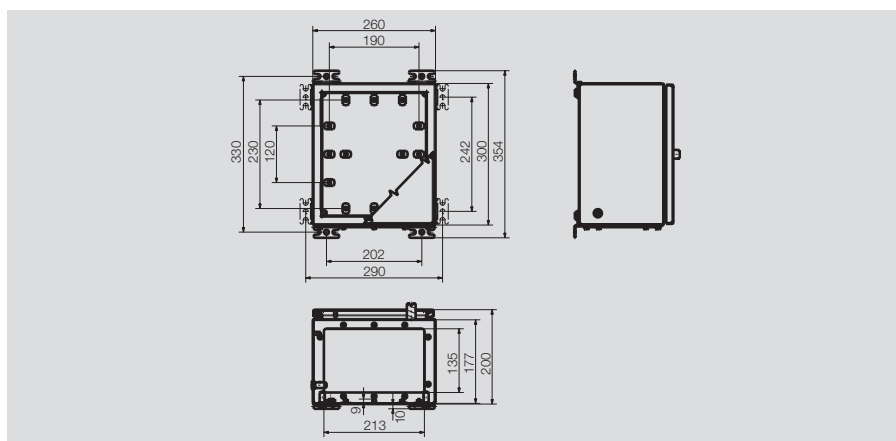
stainless steel, brushed	Order No.
1 gland plate (bottom)	1907430000

Note

Accessories

Terminal rail, vertical, set	Order No.
35 mm wide	1908770000
Terminal rail mounting, vertical, set	
C-profile rails, 20 mm wide	1909050000
Earth bar, horizontal, set	
with connection points	1908840000
Bus bar 10 x 3 mm, horizontal, set	
	1908910000
Mounting plate	
sheet steel, galvanised	1908690000
Spacer, M6 x 8, set of 2	
15 mm long	3896100000
20 mm long	3896200000
30 mm long	3896300000
Mounting feet, Replacement, set of 4	
	1910610000
Locking options, Replacement, set	
2-way key bit	1910640000
Square, 7 mm	1910650000
Spare key	1907270000
Wing knob + key*	1910630000
Note	Sets also include any fixings necessary. * for non EX use / IP65 only

Klippon JB 30/26/20



300 x 260 x 200
5600

Technical data

Terminal content	vertical	horizontal
	2.5 mm	2x41
	4 mm	2x34
	6 mm	2x26
	10 mm	2x21
	16 mm	2x18
		2x14

Note

When assembling with TAS (C-profile), the 60 mm spacing between the terminal rails can be reduced so that more rails can be incorporated. The assembly with modular terminals includes a 10 mm space at each end of the terminal rail.

Recommendation:

TS 35 DIN Rail (screw clamp terminal) WDU 2.5 1020000000 / (tension clamp terminal) ZDU 2.5 1608510000

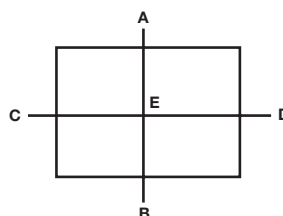
TS 32 DIN Rail (screw clamp terminal) SAK 2.5 0279660000

TS 15 DIN Rail (screw clamp terminal) AKZ 2.5 0697160000

Max. number of cable entries per enclosure side **

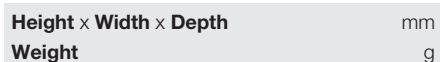
	A / B	C / D
M 12		
M 16	28	
M 20	15	
M 25	15	
M 32	6	
M 40	5	
M 50	2	
M 63	2	

Enclosure sides - ID



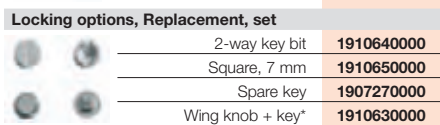
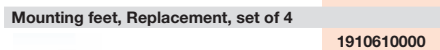
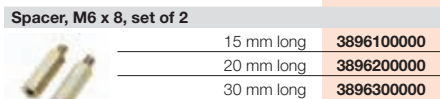
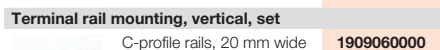
A = Top
B = Bottom
C = Left
D = Right
E = Base

Note ** Our IP68 brass cable glands serve as a reference for these recommended values.

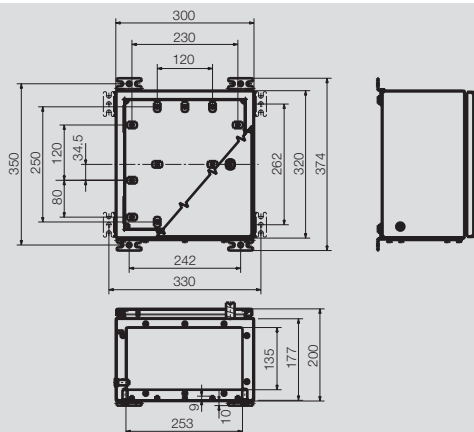


stainless steel, brushed	Order No.
1 gland plate (bottom)	1907440000

Terminal rail, vertical, set	Order No.
35 mm wide	1908780000



Klippon JB 32/30/20



Terminal content		vertical	horizontal
	2.5 mm	2x45	2x41
	4 mm	2x37	2x34
	6 mm	2x29	2x26
	10 mm	2x23	2x21
	16 mm	2x19	2x18

When assembling with TAS (C-profile), the 60 mm spacing between the terminal rails can be reduced so that more rails can be incorporated. The assembly with modular terminals includes a 10 mm space at each end of the terminal rail.

Recommendation:

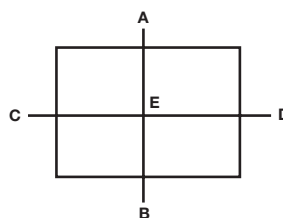
TS 35 DIN Rail (screw clamp terminal) WDU 2.5 1020000000 / (tension clamp terminal) ZDU 2.5 1608510000

TS 32 DIN Rail (screw clamp terminal) SAK 2.5 0279660000

TS 15 DIN Rail (screw clamp terminal) AKZ 2.5 0697160000

	A / B	C / D
M 12		
M 16	32	
M 20	21	
M 25	18	
M 32	8	
M 40	6	
M 50	3	
M 63	2	

Enclosure sides - ID



A = Top
B = Bottom
C = Left
D = Right
E = Base

Note ** Our IP68 brass cable glands serve as a reference for these recommended values.

Stainless steel enclosure for general purpose or harsh environment use

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Height x Width x Depth mm
Weight g

Ordering data

stainless steel, brushed	Order No.
1 gland plate (bottom)	1907450000

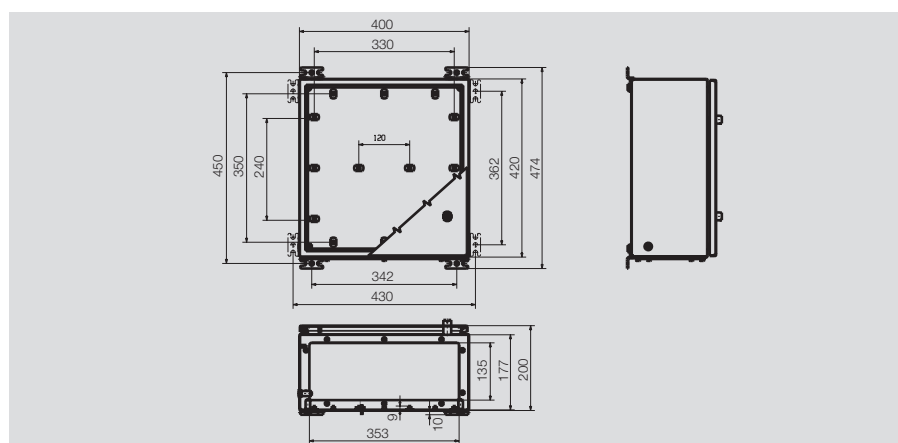
Note

Accessories

Terminal rail, vertical, set	Order No.
35 mm wide	1908790000
Terminal rail mounting, vertical, set	
C-profile rails, 20 mm wide	1909070000
Earth bar, horizontal, set	
with connection points	1908860000
Bus bar 10 x 3 mm, horizontal, set	
	1908930000
Mounting plate	
sheet steel, galvanised	1908710000
Spacer, M6 x 8, set of 2	
15 mm long	3896100000
20 mm long	3896200000
30 mm long	3896300000
Mounting feet, Replacement, set of 4	
	1910610000
Locking options, Replacement, set	
2-way key bit	1910640000
Square, 7 mm	1910650000
Spare key	1907270000
Wing knob + key*	1910630000

Note Sets also include any fixings necessary.
* for non EX use / IP65 only

Klippon JB 42/40/20



420 x 400 x 200
9500

Technical data

Terminal content	vertical	horizontal
2.5 mm	3x62	3x60
4 mm	3x52	3x50
6 mm	3x40	3x39
10 mm	3x32	3x31
16 mm	3x27	3x26



Note

When assembling with TAS (C-profile), the 60 mm spacing between the terminal rails can be reduced so that more rails can be incorporated. The assembly with modular terminals includes a 10 mm space at each end of the terminal rail.

Recommendation:

TS 35 DIN Rail (screw clamp terminal) WDU 2.5 1020000000 / (tension clamp terminal) ZDU 2.5 1608510000

TS 32 DIN Rail (screw clamp terminal) SAK 2.5 0279660000

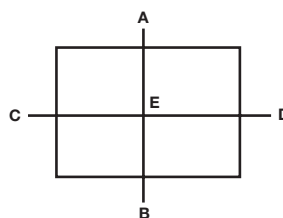
TS 15 DIN Rail (screw clamp terminal) AKZ 2.5 0697160000

Max. number of cable entries per enclosure side **

	A / B	C / D
M 12		
M 16	44	
M 20	27	
M 25	24	
M 32	12	
M 40	8	
M 50	4	
M 63	3	



Enclosure sides - ID



A = Top
B = Bottom
C = Left
D = Right
E = Base

Note ** Our IP68 brass cable glands serve as a reference for these recommended values.

Klippon® JB - Steel enclosures

Stainless steel enclosure for general purpose or harsh environment use



Height x Width x Depth	mm
Weight	g

Ordering data

stainless steel, brushed	Order No.
1 gland plate (bottom)	1907460000

Note

Accessories

Terminal rail, vertical, set	Order No.
35 mm wide	1908790000



Terminal rail mounting, vertical, set	Order No.
C-profile rails, 20 mm wide	1909070000



Earth bar, horizontal, set	Order No.
with connection points	1908860000



Bus bar 10 x 3 mm, horizontal, set	Order No.
	1908930000



Mounting plate	Order No.
sheet steel, galvanised	1908710000



Spacer, M6 x 8, set of 2	Order No.
15 mm long	3896100000
20 mm long	3896200000
30 mm long	3896300000



Mounting feet, Replacement, set of 4	Order No.
	1910610000

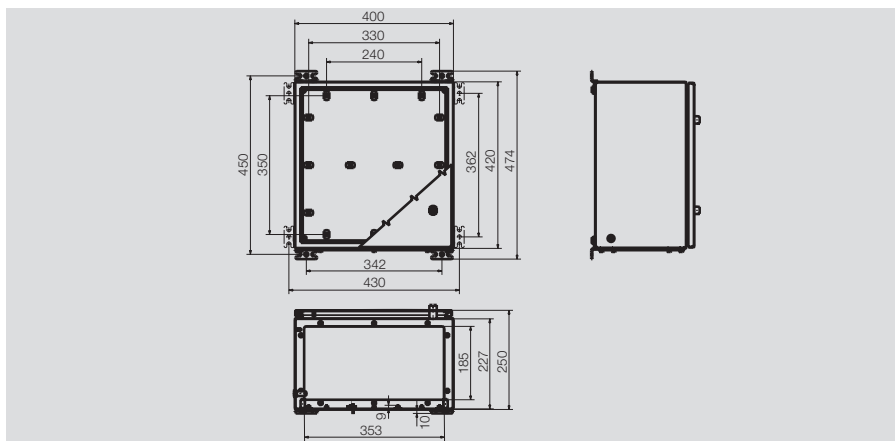


Locking options, Replacement, set	Order No.
2-way key bit	1910640000
Square, 7 mm	1910650000
Spare key	1907270000
Wing knob + key*	1910630000



Note Sets also include any fixings necessary.
* for non EX use / IP65 only

Klippon JB 42/40/25



420 x 400 x 250
10400

Technical data

Terminal content	vertical	horizontal
	2.5 mm 3x62	3x60
	4 mm 3x52	3x50
	6 mm 3x40	3x39
	10 mm 3x32	3x31
	16 mm 3x27	3x26

Note

When assembling with TAS (C-profile), the 60 mm spacing between the terminal rails can be reduced so that more rails can be incorporated. The assembly with modular terminals includes a 10 mm space at each end of the terminal rail.

Recommendation:

TS 35 DIN Rail (screw clamp terminal) WDU 2.5 1020000000 / (tension clamp terminal) ZDU 2.5 1608510000

TS 32 DIN Rail (screw clamp terminal) SAK 2.5 0279660000

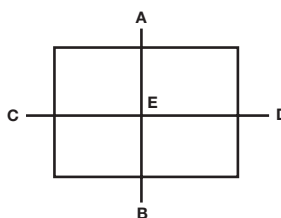
TS 15 DIN Rail (screw clamp terminal) AKZ 2.5 0697160000

Max. number of cable entries per enclosure side **



	A / B	C / D
M 12		
M 16	66	
M 20	45	
M 25	32	
M 32	18	
M 40	10	
M 50	8	
M 63	5	

Enclosure sides - ID



A = Top
B = Bottom
C = Left
D = Right
E = Base

Note ** Our IP68 brass cable glands serve as a reference for these recommended values.

Stainless steel enclosure for general purpose or harsh environment use



Height x Width x Depth	mm
Weight	g

Ordering data

stainless steel, brushed	Order No.
1 gland plate (bottom)	1907470000

Note

Accessories

Terminal rail, vertical, set	Order No.
35 mm wide	1908800000



Terminal rail mounting, vertical, set	Order No.
C-profile rails, 20 mm wide	1909080000



Earth bar, horizontal, set	Order No.
with connection points	1908870000



Bus bar 10 x 3 mm, horizontal, set	Order No.
	1908940000



Mounting plate	Order No.
sheet steel, galvanised	1908720000



Spacer, M6 x 8, set of 2	Order No.
15 mm long	3896100000
20 mm long	3896200000
30 mm long	3896300000



Mounting feet, Replacement, set of 4	Order No.
	1910610000

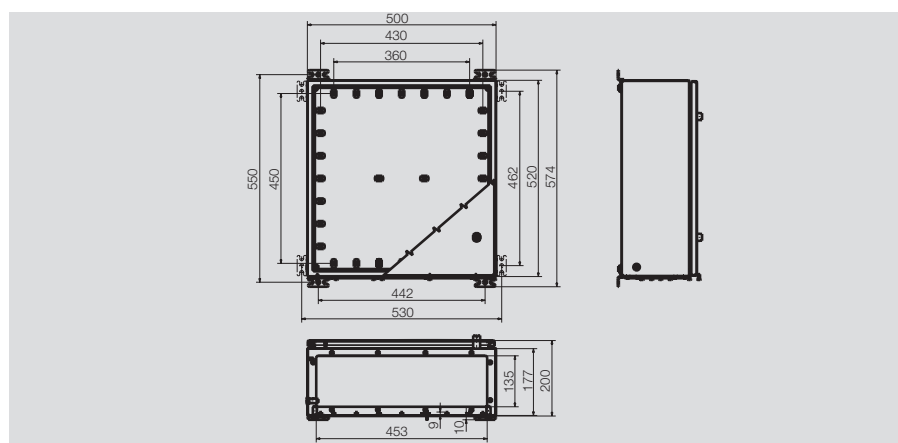


Locking options, Replacement, set	Order No.
2-way key bit	1910640000
Square, 7 mm	1910650000
Spare key	1907270000
Wing knob + key*	1910630000



Note Sets also include any fixings necessary.
* for non EX use / IP65 only

Klippon JB 52/50/20



520 x 500 x 200
15300

Technical data

Terminal content	vertical	horizontal
	2.5 mm 4x83	4x79
	4 mm 4x70	4x66
	6 mm 4x53	4x51
	10 mm 4x43	4x41
	16 mm 4x36	4x43

Note

When assembling with TAS (C-profile), the 60 mm spacing between the terminal rails can be reduced so that more rails can be incorporated. The assembly with modular terminals includes a 10 mm space at each end of the terminal rail.

Recommendation:

TS 35 DIN Rail (screw clamp terminal) WDU 2.5 1020000000 / (tension clamp terminal) ZDU 2.5 1608510000

TS 32 DIN Rail (screw clamp terminal) SAK 2.5 0279660000

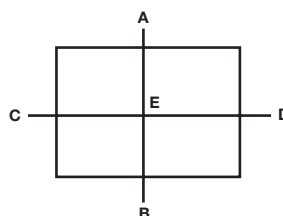
TS 15 DIN Rail (screw clamp terminal) AKZ 2.5 0697160000

Max. number of cable entries per enclosure side **



	A / B	C / D
M 12		
M 16	56	
M 20	36	
M 25	30	
M 32	14	
M 40	11	
M 50	5	
M 63	4	

Enclosure sides - ID



A = Top
B = Bottom
C = Left
D = Right
E = Base

Note ** Our IP68 brass cable glands serve as a reference for these recommended values.



Ordering data

Note

Terminal rail, vertical, set	Order No.
35 mm wide	1908800000



Terminal rail mounting, vertical, set	
C-profile rails, 20 mm wide	1909080000



Earth bar, horizontal, set	
with connection points	1908870000



Bus bar 10 x 3 mm, horizontal, set	1908940000
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Mounting plate	sheet steel, galvanised	1908720000
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Spacer, M6 x 8, set of 2		
	15 mm long	3896100000
	20 mm long	3896200000
	30 mm long	3896300000



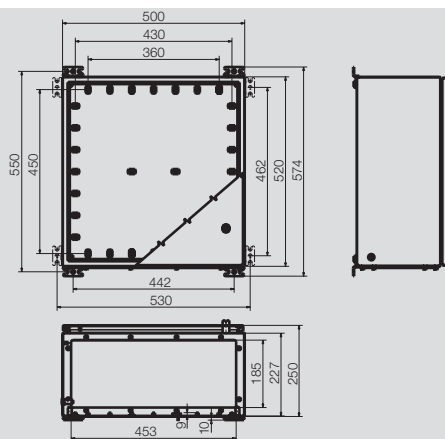
Mounting feet, Replacement, set of 4	1910610000
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Locking options, Replacement, set		
		2-way key bit 1910640000
		Square, 7 mm 1910650000
		Spare key 1907270000
		Wing knob + key* 1910630000



Klippon JB 52/50/25



Technical data

Terminal content		vertical	horizontal
	2.5 mm	4x83	4x79
	4 mm	4x70	4x66
	6 mm	4x53	4x51
	10 mm	4x43	4x41
	16 mm	4x36	4x34

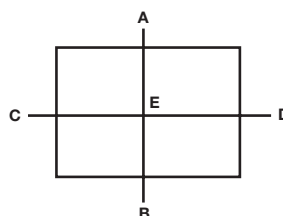


TS 35 DIN Rail (screw clamp terminal) WDU 2.5 1020000000 / (tension clamp terminal) ZDU 2.5 1608510000
TS 32 DIN Rail (screw clamp terminal) SAK 2.5 0279660000
TS 15 DIN Rail (screw clamp terminal) AKZ 2.5 0697160000

Max. number of cable entries per enclosure side **		A / B	C / D
	M 12		
	M 16	84	
	M 20	60	
	M 25	40	
	M 32	21	
	M 40	12	
	M 50	10	
	M 63		



Enclosure sides - ID



A = Top
B = Bottom
C = Left
D = Right
E = Base

Note ** Our IP68 brass cable glands serve as a reference for these recommended values.

Stainless steel enclosure for general purpose or harsh environment use



Height x Width x Depth	mm
Weight	g

Ordering data

stainless steel, brushed	Order No.
1 gland plate (bottom)	1907490000

Note

Accessories

Terminal rail, vertical, set	Order No.
	35 mm wide 1908810000

Terminal rail mounting, vertical, set

	C-profile rails, 20 mm wide	1909090000

Earth bar, horizontal, set

	with connection points	1908880000
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Bus bar 10 x 3 mm, horizontal, set

	1908950000
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Mounting plate

	sheet steel, galvanised	1908730000
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Spacer, M6 x 8, set of 2

	15 mm long	3896100000
	20 mm long	3896200000
	30 mm long	3896300000

Mounting feet, Replacement, set of 4

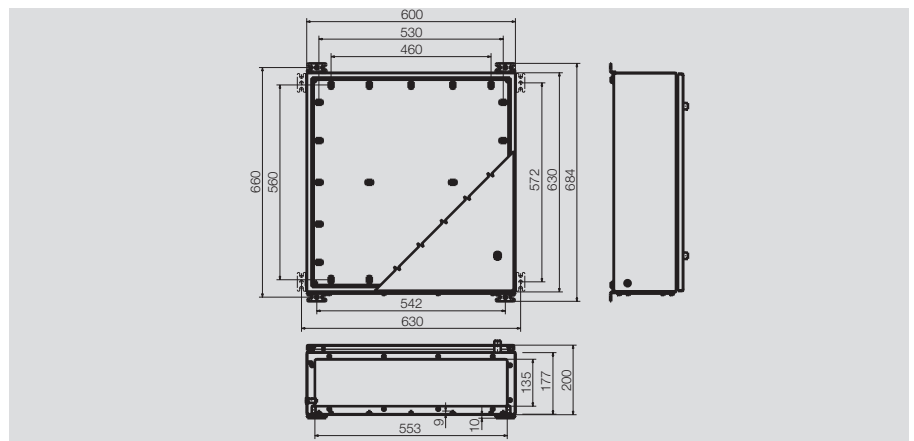
1910610000

Locking options, Replacement, set

	2-way key bit	1910640000
	Square, 7 mm	1910650000
	Spare key	1907270000
	Wing knob + key*	1910630000

Note Sets also include any fixings necessary.
* for non EX use / IP65 only

Klippon JB 63/60/20



630 × 600 × 200
18800

Technical data

Terminal content		vertical	horizontal
	2.5 mm	5x103	5x98
	4 mm	5x87	5x83
	6 mm	5x66	5x63
	10 mm	5x53	5x51
	16 mm	5x44	5x42

Note

When assembling with TAS (C-profile), the 60 mm spacing between the terminal rails can be reduced so that more rails can be incorporated. The assembly with modular terminals includes a 10 mm space at each end of the terminal rail.

Recommendation:

TS 35 DIN Rail (screw clamp terminal) WDU 2.5 1020000000 / (tension clamp terminal) ZDU 2.5 1608510000

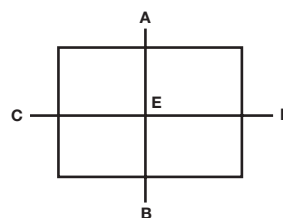
TS 32 DIN Rail (screw clamp terminal) SAK 2.5 0279660000

TS 15 DIN Rail (screw clamp terminal) AKZ 2.5 0697160000

Max. number of cable entries per enclosure side **

		A / B	C / D
	M 12		
	M 16	68	
	M 20	45	
	M 25	38	
	M 32	18	
	M 40	14	
	M 50	6	
	M 63	5	

Enclosure sides - ID



A = Top
B = Bottom
C = Left
D = Right
E = Base

Note ** Our IP68 brass cable glands serve as a reference for these recommended values.

Klippon® JB - Steel enclosures

Stainless steel enclosure for general purpose or harsh environment use



Height x Width x Depth	mm
Weight	g

Ordering data

stainless steel, brushed	Order No.
1 gland plate (bottom)	1907500000

Note

Accessories

Terminal rail, vertical, set	Order No.
35 mm wide	1908810000



Terminal rail mounting, vertical, set	Order No.
C-profile rails, 20 mm wide	1909090000



Earth bar, horizontal, set	Order No.
with connection points	1908880000



Bus bar 10 x 3 mm, horizontal, set	Order No.
	1908950000



Mounting plate	Order No.
sheet steel, galvanised	1908730000



Spacer, M6 x 8, set of 2	Order No.
15 mm long	3896100000
20 mm long	3896200000
30 mm long	3896300000



Mounting feet, Replacement, set of 4	Order No.
	1910610000

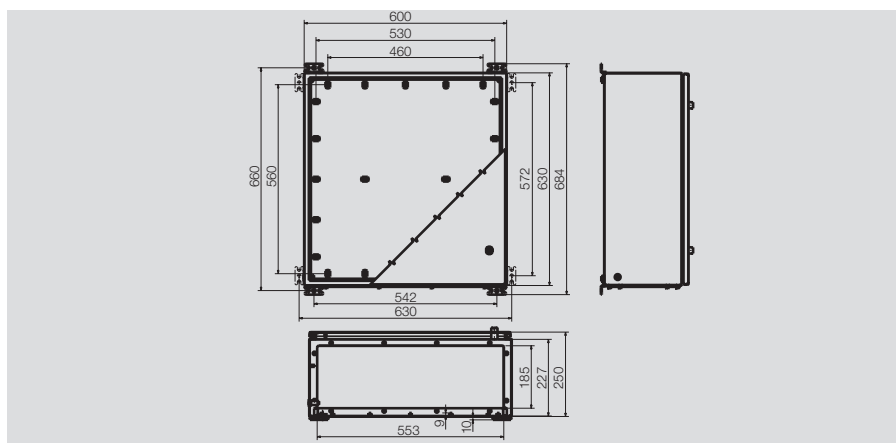


Locking options, Replacement, set	Order No.
2-way key bit	1910640000
Square, 7 mm	1910650000
Spare key	1907270000
Wing knob + key*	1910630000



Note Sets also include any fixings necessary.
* for non EX use / IP65 only

Klippon JB 63/60/25



630 x 600 x 250
20200

Technical data

Terminal content	vertical	horizontal
	2.5 mm 5x103	5x98
	4 mm 5x87	5x83
	6 mm 5x66	5x63
	10 mm 5x53	5x51
	16 mm 5x44	5x42

Note

When assembling with TAS (C-profile), the 60 mm spacing between the terminal rails can be reduced so that more rails can be incorporated.
The assembly with modular terminals includes a 10 mm space at each end of the terminal rail.

Recommendation:

TS 35 DIN Rail (screw clamp terminal) WDU 2.5 1020000000 / (tension clamp terminal) ZDU 2.5 1608510000

TS 32 DIN Rail (screw clamp terminal) SAK 2.5 0279660000

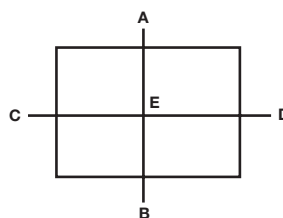
TS 15 DIN Rail (screw clamp terminal) AKZ 2.5 0697160000

Max. number of cable entries per enclosure side **

	A / B	C / D
M 12		
M 16	108	
M 20	75	
M 25	48	
M 32	27	
M 40	14	
M 50	12	
M 63	9	



Enclosure sides - ID



A = Top
B = Bottom
C = Left
D = Right
E = Base

Note ** Our IP68 brass cable glands serve as a reference for these recommended values.