Klippon® STB – Stainless Steel Enclosures

NEW

For many decades the name Klippon® has been synonymous for competence and quality in our proven supply of enclosures and customer solutions for standard industrial and hazardous environment applications. This philosophy continues with our Klippon® STB range of stainless steel enclosures.

Ideally suited to the transportation, energy and process industries; the Klippon® STB is a natural compliment to our existing Klippon® enclosures product portfolio.

The enclosures are approved to international standards e.g. EN 62208 and EN 60079-0/7 (ATEX)

Some of the many advantages of these enclosures are:

- High temperature silicone gasket fitted as standard (improved temperature range –50 °C to +120 °C)
- Flexible internal terminal rail mounting options
- Gasket compression control ensuring gasket lifetime performance is not compromised
- Earth stud fitted to body and lid
- Laser welding for quality finish and results
- Mounting lugs pre-fitted and ensure secure product mounting

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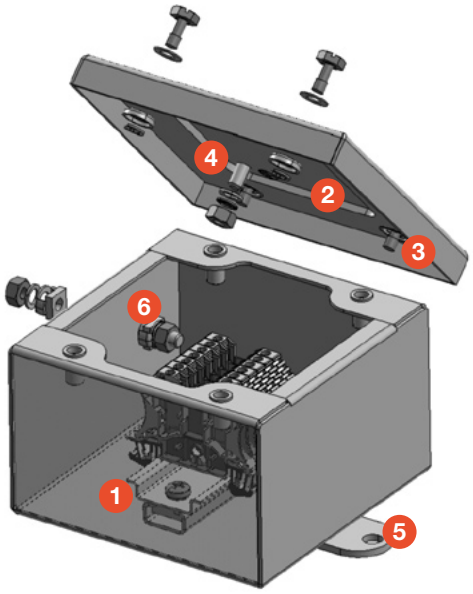
Improved product features – to meet your demands

1 Flexible internal mounting options

C-Profile (TAS 20) rail fitted as standard with M5 sliding fixing nuts included to ensure stability of rail assembly and to help provide the maximum possible internal working area.



2 High temperature gasket

A high temperature silicone gasket offers enhanced product performance in extreme temperature conditions (–50 °C to +120 °C).

3 Gasket compression control

Guarantees Ingress Protection (IP) performance and ensures that the gasket is not compromised during use.

5 Mounting lugs

Mounting lugs are pre-fitted as standard and are designed to be secure in operation (vibration and shock tested).

7 Laser welding for quality results

Provides consistent IP protection and maintains a quality finish.

4 Earth stud fitted inside lid

Provides earthing of hazardous potential of the removable lid as required by the latest industrial and ATEX standards.

6 Internal/External Earth Stud

No ingress path and eliminates any potential for IP failure in the field through the earth stud.

8 International approvals

Approved for use within hazardous areas (including Ex e - increased safety) applications.

Klippon® STB 1

Steel Enclosures for use in Industrial and Hazardous Area Applications

Dimensions

Height x Width x Depth	mm	**120 x 120 x 80**
Weight	kg	**1.34**

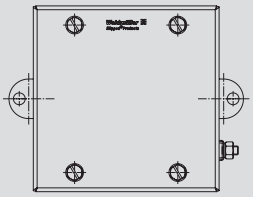
Technical Data

Enclosure Material:	Stainless Steel 1.4404(316L) 1.50mm
Ingress Protection:	IP66
Earthing:	Body-Internal/External M6 Stainless Steel Lid - M6 x 12 Stainless Steel
Internal Mounting:	via C-Profile welded
External Mounting:	2 External lugs with 8 mm holes
Lid Opening:	Fully detachable lid with 4 x M5 Bolts
Impact Resistance:	7J ATEX 10J industy standard
Gasket Material:	Silicone –50 °C to +120 °C
Gasket compression control in accordance with manufacturers recommendation	

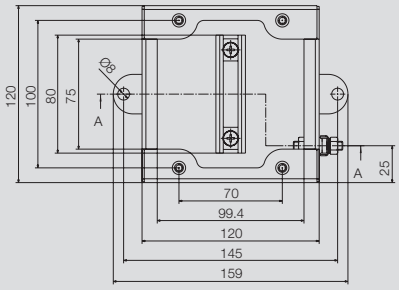
Approvals for Empty Enclosure:	
ATEX Certification:	IBExU 07ATEX1147 U
ATEX Marking:	Ⓔx II 2 G Ex e II Ⓔx II 2 D Ex tD A21 IP66
cULus:	E 197061
Lloyds Register:	08/20032
Germanischer Lloyd:	5935808 HH
Gost:	POCC DE.ME25.B01450
Approvals for Control and Distribution Box:	
ATEX Certification:	IBExU 07ATEX1148
ATEX Marking:	Ⓔx II 2 GD Ex e II Tx Ex tD A21 IP6x Tx Ⓔx II 1 GD Ex ia IIC Tx Ex tD A20 IP6x Tx Ⓔx II 2(1) GD Ex e[ia] IIC Tx Ex tD A21 IP6x Tx

Elevations

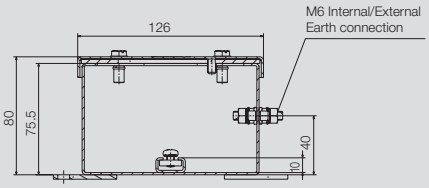
Front View



Front View – Lid Removed



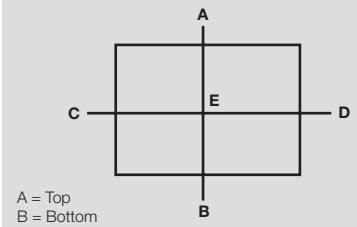
Side View



Ordering Data Enclosures

Description	Finish	Part Number
KLIPPON STB 1 SS	Polished Sheet	**1002690000**
KLIPPON STB 1 SS E	Electropolished	**1058810000**

Number of Cable Entries		A/B	C	D
Max number of cable entries per enclosure side**	M12	10	10	8
	M16	6	6	4
	M20	6	6	4
	M25	3	3	2
	M32	2	2	1
	M40	2	2	1
	M50	-	-	-
	M63	-	-	-



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

Max Number of Terminals (Industrial)			Vertical			Horizontal		
			W series V	Z series H	SAK series V	W series V	Z series H	SAK series V
WDU 2.5	ZDU 2.5	SAK 2.5	17	17	14			
WDU 4	ZDU 4	SAK 4	14	14	13			
WDU 6	ZDU 6	SAK 6	11	11	11			
WDU 10	ZDU 10	SAK 10	8	8	8			
WDU 16N	ZDU 16	SAK 16	7	7	7			

Ordering Data Accessories

Sliding Fixing Nuts	Part Number
SFNS5 VKMU M5 SW16	**0433500000**

Notes: Each enclosure is supplied with a set of sliding nuts + washer+ screws M5, to fix the mounting rail TS 35 or 32 onto the C-Profile

Comments ** Cable entries based on Weidmüller's standard IP68 cable glands
– For specific hazardous area requirements please contact Weidmüller for a copy of the full certificate

Klippon® STB 1.1

Steel Enclosures for use in Industrial and Hazardous Area Applications

Dimensions

Height x Width x Depth	mm	**150 x 120 x 80**
Weight	kg	**1.38**

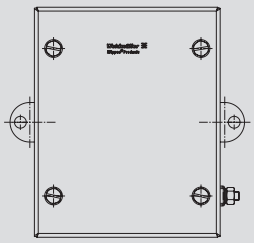
Technical Data

Enclosure Material:	Stainless Steel 1.4404(316L) 1.50mm
Ingress Protection:	IP66
Earthing:	Body-Internal/External M6 Stainless Steel Lid - M6 x 12 Stainless Steel
Internal Mounting:	via C-Profile welded
External Mounting:	2 External lugs with 8 mm holes
Lid Opening:	Fully detachable lid with 4 x M5 Bolts
Impact Resistance:	7J ATEX 10J industy standard
Gasket Material:	Silicone -50 °C to +120 °C
Gasket compression control in accordance with manufacturers recommendation	

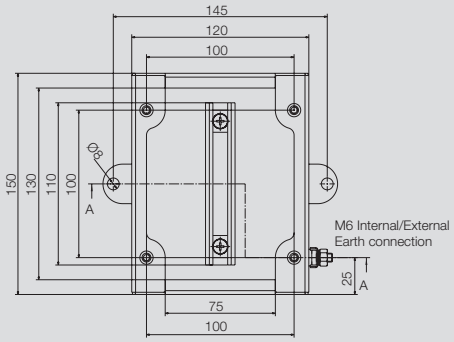
Approvals for Empty Enclosure:	
ATEX Certification:	IBExU 07ATEX1147 U
ATEX Marking:	Ex II 2 G Ex e II
	Ex II 2 D Ex tD A21 IP66
cULus:	E 197061
Lloyds Register:	08/20032
Germanischer Lloyd:	5935808 HH
Gost:	POCC DE.ME25.B01450
Approvals for Control and Distribution Box:	
ATEX Certification:	IBExU 07ATEX1148
ATEX Marking:	Ex II 2 GD Ex e II Tx Ex tD A21 IP6x Tx
	Ex II 1 GD Ex ia IIC Tx Ex tD A20 IP6x Tx
	Ex II 2(1) GD Ex e[ia] IIC Tx Ex tD A21 IP6x Tx

Elevations

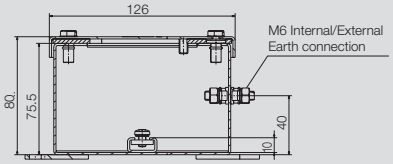
Front View



Front View – Lid Removed



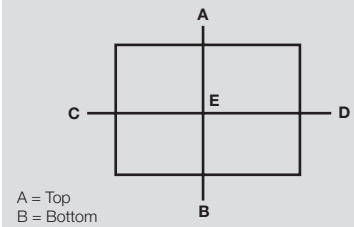
Side View



Ordering Data Enclosures

Description	Finish	Part Number
KLIPPON STB 1.1 S	Polished Sheet	**1002750000**
KLIPPON STB 1.1 SS E	Electropolished	**1058820000**

Number of Cable Entries		A/B	C	D
Max number of cable entries per enclosure side**	M12	10	12	10
	M16	6	8	6
	M20	3	4	3
	M25	3	3	2
	M32	2	3	2
	M40	2	2	1
	M50	-	-	-
	M63	-	-	-



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

Max Number of Terminals (Industrial)			Vertical			Horizontal		
			W series V	Z series H	SAK series V	W series V	Z series H	SAK series V
WDU 2.5	ZDU 2.5	SAK 2.5	23	23	19			
WDU 4	ZDU 4	SAK 4	19	19	18			
WDU 6	ZDU 6	SAK 6	14	14	14			
WDU 10	ZDU 10	SAK 10	11	11	11			
WDU 16N	ZDU 16	SAK 16	9	9	9			

Ordering Data Accessories

Sliding Fixing Nuts	Part Number
SFNS5 VKMU M5 SW16	**0433500000**

Notes: Each enclosure is supplied with a set of sliding nuts + washer+ screws M5, to fix the mounting rail TS 35 or 32 onto the C-Profile

Comments ** Cable entries based on Weidmüller's standard IP68 cable glands
– For specific hazardous area requirements please contact Weidmüller for a copy of the full certificate

Klippon® STB 2

Steel Enclosures for use in Industrial and Hazardous Area Applications

Dimensions

Height x Width x Depth	mm	**150 x 150 x 90**
Weight	kg	**1.63**

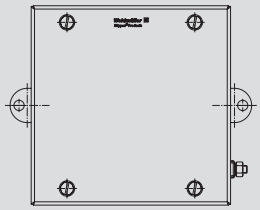
Technical Data

Enclosure Material:	Stainless Steel 1.4404(316L) 1.50mm
Ingress Protection:	IP66
Earthing:	Body-Internal/External M6 Stainless Steel Lid - M6 x 12 Stainless Steel
Internal Mounting:	via C-Profile welded
External Mounting:	2 External lugs with 8 mm holes
Lid Opening:	Fully detachable lid with 4 x M5 Bolts
Impact Resistance:	7J ATEX 10J industy standard
Gasket Material:	Silicone -50 °C to +120 °C
Gasket compression control in accordance with manufacturers recommendation	

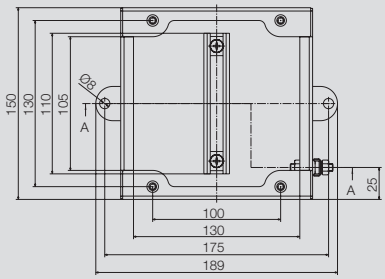
Approvals for Empty Enclosure:	
ATEX Certification:	IBExU 07ATEX1147 U
ATEX Marking:	Ⓔx II 2 G Ex e II Ⓔx II 2 D Ex tD A21 IP66
cULus:	E 256877
Lloyds Register:	08/20032
Germanischer Lloyd:	5935808 HH
Gost:	POCC DE.ME25.B01450
Approvals for Control and Distribution Box:	
ATEX Certification:	IBExU 07ATEX1148
ATEX Marking:	Ⓔx II 2 GD Ex e II Tx Ex tD A21 IP6x Tx Ⓔx II 1 GD Ex ia IIC Tx Ex tD A20 IP6x Tx Ⓔx II 2(1) GD Ex e[ia] IIC Tx Ex tD A21 IP6x Tx

Elevations

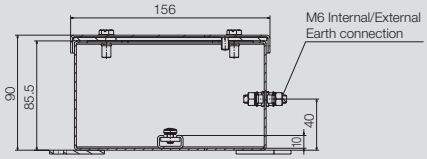
Front View



Front View – Lid Removed



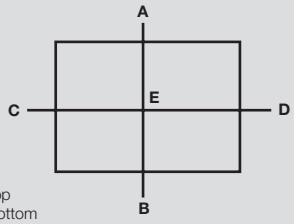
Side View



Ordering Data Enclosures

Description	Finish	Part Number
KLIPPON STB 2 SS	Polished Sheet	**1002740000**
KLIPPON STB 2 SS E	Electropolished	**1058830000**

Number of Cable Entries		A/B	C	D
Max number of cable entries per enclosure side**	M12	15	15	15
	M16	10	10	8
	M20	8	8	6
	M25	3	3	2
	M32	3	3	2
	M40	2	2	2
	M50	1	1	1
	M63	-	-	-



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

Max Number of Terminals (Industrial)			Vertical			Horizontal		
			W series V	Z series H	SAK series V	W series V	Z series H	SAK series V
WDU 2.5	ZDU 2.5	SAK 2.5	23	23	19			
WDU 4	ZDU 4	SAK 4	19	19	18			
WDU 6	ZDU 6	SAK 6	14	14	14			
WDU 10	ZDU 10	SAK 10	11	11	11			
WDU 16N	ZDU 16	SAK 16	9	9	9			

Ordering Data Accessories

Sliding Fixing Nuts	Part Number
SFNS5 VKMU M5 SW16	**0433500000**

Notes: Each enclosure is supplied with a set of sliding nuts + washer+ screws M5, to fix the mounting rail TS 35 or 32 onto the C-Profile

Comments ** Cable entries based on Weidmüller's standard IP68 cable glands
– For specific hazardous area requirements please contact Weidmüller for a copy of the full certificate

Klippon® STB 2.1

Steel Enclosures for use in Industrial and Hazardous Area Applications

Dimensions

Height x Width x Depth	mm	**190 x 150 x 90**
Weight	kg	**2.08**

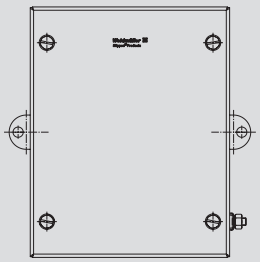
Technical Data

Enclosure Material:	Stainless Steel 1.4404(316L) 1.50mm
Ingress Protection:	IP66
Earthing:	Body-Internal/External M6 Stainless Steel Lid - M6 x 12 Stainless Steel
Internal Mounting:	via C-Profile welded
External Mounting:	2 External lugs with 8 mm holes
Lid Opening:	Fully detachable lid with 4 x M5 Bolts
Impact Resistance:	7J ATEX 10J industy standard
Gasket Material:	Silicone -50 °C to +120 °C
Gasket compression control in accordance with manufacturers recommendation	

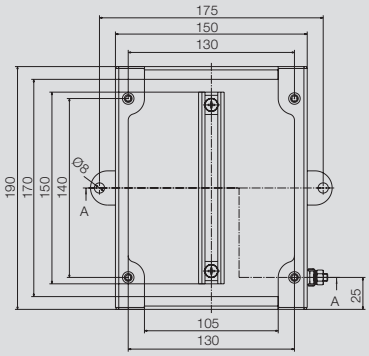
Approvals for Empty Enclosure:	
ATEX Certification:	IBExU 07ATEX1147 U
ATEX Marking:	Ex II 2 G Ex e II Ex II 2 D Ex tD A21 IP66
cULus:	E 256877
Lloyds Register:	08/20032
Germanischer Lloyd:	5935808 HH
Gost:	POCC DE.ME25.B01450
Approvals for Control and Distribution Box:	
ATEX Certification:	IBExU 07ATEX1148
ATEX Marking:	Ex II 2 GD Ex e II Tx Ex tD A21 IP6x Tx Ex II 1 GD Ex ia IIC Tx Ex tD A20 IP6x Tx Ex II 2(1) GD Ex e[ia] IIC Tx Ex tD A21 IP6x Tx

Elevations

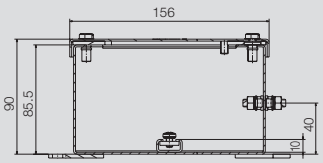
Front View



Front View – Lid Removed



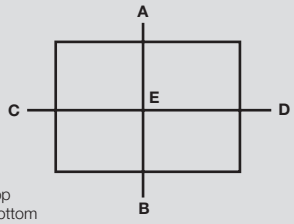
Side View



Ordering Data Enclosures

Description	Finish	Part Number
KLIPPON STB 2.1 SS	Polished Sheet	**1002730000**
KLIPPON STB 2.1 SS E	Electropolished	**1058840000**

Number of Cable Entries		A/B	C	D
Max number of cable entries per enclosure side**	M12	15	21	18
	M16	10	12	10
	M20	8	10	10
	M25	3	4	3
	M32	3	3	3
	M40	2	2	2
	M50	1	1	1
	M63	-	-	-



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

Max Number of Terminals (Industrial)			Vertical			Horizontal		
			W series V	Z series H	SAK series V	W series V	Z series H	SAK series V
WDU 2.5	ZDU 2.5	SAK 2.5	30	30	25			
WDU 4	ZDU 4	SAK 4	25	25	24			
WDU 6	ZDU 6	SAK 6	20	20	19			
WDU 10	ZDU 10	SAK 10	15	15	15			
WDU 16N	ZDU 16	SAK 16	13	13	13			

Ordering Data Accessories

Sliding Fixing Nuts	Part Number
SFNS5 VKMU M5 SW16	**0433500000**

Notes: Each enclosure is supplied with a set of sliding nuts + washer+ screws M5, to fix the mounting rail TS 35 or 32 onto the C-Profile

Comments ** Cable entries based on Weidmüller's standard IP68 cable glands
– For specific hazardous area requirements please contact Weidmüller for a copy of the full certificate

Klippon® STB 3

Steel Enclosures for use in Industrial and Hazardous Area Applications

Dimensions

Height x Width x Depth	mm	**190 x 190 x 100**
Weight	kg	**2.59**

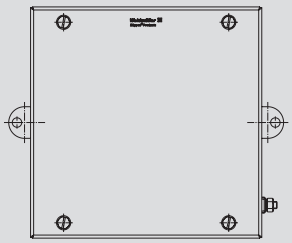
Technical Data

Enclosure Material:	Stainless Steel 1.4404(316L) 1.50mm
Ingress Protection:	IP66
Earthing:	Body-Internal/External M6 Stainless Steel Lid - M6 x 12 Stainless Steel
Internal Mounting:	via C-Profile welded
External Mounting:	2 External lugs with 8 mm holes
Lid Opening:	Fully detachable lid with 4 x M5 Bolts
Impact Resistance:	7J ATEX 10J industy standard
Gasket Material:	Silicone -50 °C to +120 °C
Gasket compression control in accordance with manufacturers recommendation	

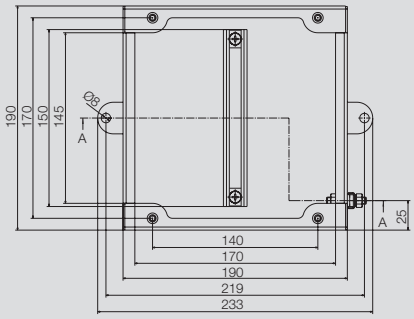
Approvals for Empty Enclosure:	
ATEX Certification:	IBExU 07ATEX1147 U
ATEX Marking:	Ⓔx II 2 G Ex e II Ⓔx II 2 D Ex tD A21 IP66
cULus:	E 256877
Lloyds Register:	08/20032
Germanischer Lloyd:	5935808 HH
Gost:	POCC DE.ME25.B01450
Approvals for Control and Distribution Box:	
ATEX Certification:	IBExU 07ATEX1148
ATEX Marking:	Ⓔx II 2 GD Ex e II Tx Ex tD A21 IP6x Tx Ⓔx II 1 GD Ex ia IIC Tx Ex tD A20 IP6x Tx Ⓔx II 2(1) GD Ex e[ia] IIC Tx Ex tD A21 IP6x Tx

Elevations

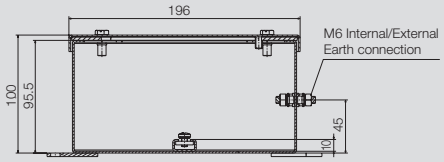
Front View



Front View – Lid Removed



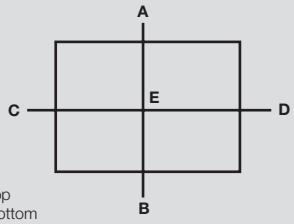
Side View



Ordering Data Enclosures

Description	Finish	Part Number
KLIPPON STB 3 SS	Polished Sheet	**1002720000**
KLIPPON STB 3 SS E	Electropolished	**1058850000**

Number of Cable Entries		A/B	C	D
Max number of cable entries per enclosure side**	M12	21	21	21
	M16	15	15	15
	M20	10	10	8
	M25	8	8	6
	M32	3	3	3
	M40	3	3	2
	M50	2	2	1
	M63	1	1	-



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

Max Number of Terminals (Industrial)			Vertical			Horizontal		
			W series V	Z series H	SAK series V	W series V	Z series H	SAK series V
WDU 2.5	ZDU 2.5	SAK 2.5	30	30	25			
WDU 4	ZDU 4	SAK 4	25	25	24			
WDU 6	ZDU 6	SAK 6	20	20	19			
WDU 10	ZDU 10	SAK 10	15	15	15			
WDU 16N	ZDU 16	SAK 16	13	13	13			

Ordering Data Accessories

Sliding Fixing Nuts	Part Number
SFNS5 VKMU M5 SW16	**0433500000**

Notes: Each enclosure is supplied with a set of sliding nuts + washer+ screws M5, to fix the mounting rail TS 35 or 32 onto the C-Profile

Comments ** Cable entries based on Weidmüller's standard IP68 cable glands
– For specific hazardous area requirements please contact Weidmüller for a copy of the full certificate

Klippon® STB 4

Steel Enclosures for use in Industrial and Hazardous Area Applications

Dimensions

Height x Width x Depth	mm	**250 x 250 x 120**
Weight	kg	**4.45**

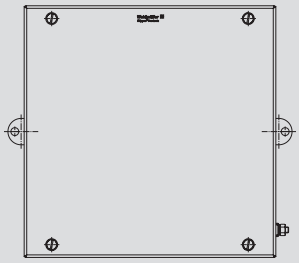
Technical Data

Enclosure Material:	Stainless Steel 1.4404(316L) 1.50mm
Ingress Protection:	IP66
Earthing:	Body-Internal/External M6 Stainless Steel Lid - M6 x 12 Stainless Steel
Internal Mounting:	via C-Profile welded
External Mounting:	2 External lugs with 8 mm holes
Lid Opening:	Fully detachable lid with 4 x M5 Bolts
Impact Resistance:	7J ATEX 10J industy standard
Gasket Material:	Silicone -50 °C to +120 °C
Gasket compression control in accordance with manufacturers recommendation	

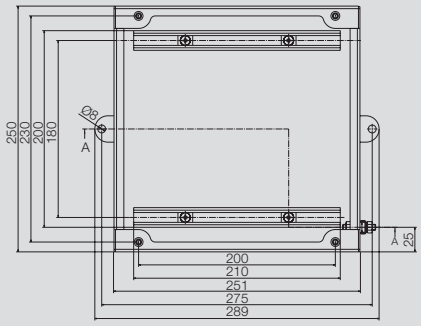
Approvals for Empty Enclosure:	
ATEX Certification:	IBExU 07ATEX1147 U
ATEX Marking:	Ex II 2 G Ex e II Ex II 2 D Ex tD A21 IP66
cULus:	E 256877
Lloyds Register:	08/20032
Germanischer Lloyd:	5935808 HH
Gost:	POCC DE.ME25.B01450
Approvals for Control and Distribution Box:	
ATEX Certification:	IBExU 07ATEX1148
ATEX Marking:	Ex II 2 GD Ex e II Tx Ex tD A21 IP6x Tx Ex II 1 GD Ex ia IIC Tx Ex tD A20 IP6x Tx Ex II 2(1) GD Ex e[ia] IIC Tx Ex tD A21 IP6x Tx

Elevations

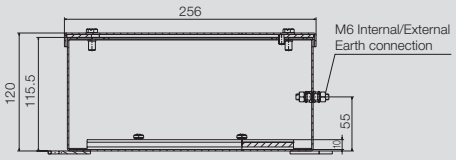
Front View



Front View – Lid Removed



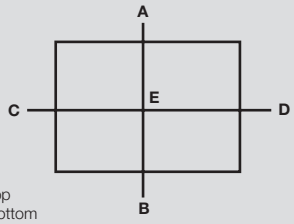
Side View



Ordering Data Enclosures

Description	Finish	Part Number
KLIPPON STB 4 SS	Polished Sheet	**1002710000**
KLIPPON STB 4 SS E	Electropolished	**1058860000**

Number of Cable Entries		A/B	C	D
Max number of cable entries per enclosure side**	M12	32	32	32
	M16	21	21	21
	M20	12	12	12
	M25	10	10	10
	M32	8	8	8
	M40	3	3	3
	M50	2	3	2
	M63	2	2	2



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

Max Number of Terminals (Industrial)			Vertical			Horizontal		
			W series V	Z series H	SAK series V	W series V	Z series H	SAK series V
WDU 2.5	ZDU 2.5	SAK 2.5	2 x 42	2 x 42	2 x 35	2 x 42	2 x 42	2 x 35
WDU 4	ZDU 4	SAK 4	2 x 35	2 x 35	2 x 33	2 x 35	2 x 35	2 x 33
WDU 6	ZDU 6	SAK 6	2 x 27	2 x 27	2 x 27	2 x 27	2 x 27	2 x 27
WDU 10	ZDU 10	SAK 10	2 x 22	2 x 22	2 x 21	2 x 22	2 x 22	2 x 21
WDU 16N	ZDU 16	SAK 16	2 x 18	2 x 18	2 x 18	2 x 18	2 x 18	2 x 18

Ordering Data Accessories

Sliding Fixing Nuts	Part Number
SFNS5 VKMU M5 SW16	**0433500000**

Notes: Each enclosure is supplied with a set of sliding nuts + washer+ screws M5, to fix the mounting rail TS 35 or 32 onto the C-Profile

Comments ** Cable entries based on Weidmüller's standard IP68 cable glands
– For specific hazardous area requirements please contact Weidmüller for a copy of the full certificate

Klippon® STB 5

Steel Enclosures for use in Industrial and Hazardous Area Applications

Dimensions

Height x Width x Depth	mm	**160 x 380 x 120**
Weight	kg	**4.82**

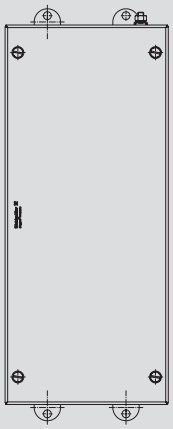
Technical Data

Enclosure Material:	Stainless Steel 1.4404(316L) 1.50mm
Ingress Protection:	IP66
Earthing:	Body-Internal/External M6 Stainless Steel Lid - M6 x 12 Stainless Steel
Internal Mounting:	via C-Profile welded
External Mounting:	4 External lugs with 8 mm holes
Lid Opening:	Fully detachable lid with 4 x M5 Bolts
Impact Resistance:	7J ATEX 10J industy standard
Gasket Material:	Silicone -50 °C to +120 °C
Gasket compression control in accordance with manufacturers recommendation	

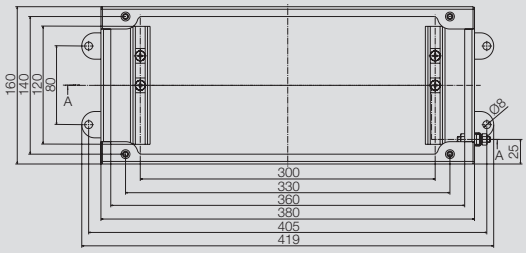
Approvals for Empty Enclosure:	
ATEX Certification:	IBExU 07ATEX1147 U
ATEX Marking:	Ⓔx II 2 G Ex e II Ⓔx II 2 D Ex tD A21 IP66
cULus:	E 256877
Lloyds Register:	08/20032
Germanischer Lloyd:	5935808 HH
Gost:	POCC DE.ME25.B01450
Approvals for Control and Distribution Box:	
ATEX Certification:	IBExU 07ATEX1148
ATEX Marking:	Ⓔx II 2 GD Ex e II Tx Ex tD A21 IP6x Tx Ⓔx II 1 GD Ex ia IIC Tx Ex tD A20 IP6x Tx Ⓔx II 2(1) GD Ex e[ia] IIC Tx Ex tD A21 IP6x Tx

Elevations

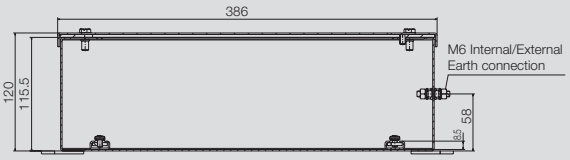
Front View



Front View – Lid Removed



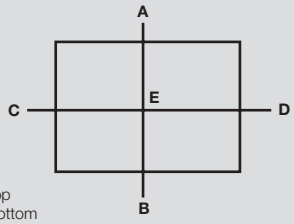
Side View



Ordering Data Enclosures

Description	Finish	Part Number
KLIPPON STB 5 SS	Polished Sheet	**1002700000**
KLIPPON STB 5 SS E	Electropolished	**1058880000**

Number of Cable Entries		A/B	C	D
Max number of cable entries per enclosure side**	M12	64	20	20
	M16	33	15	12
	M20	30	12	12
	M25	16	6	6
	M32	10	4	4
	M40	6	2	2
	M50	4	2	1
	M63	2	1	1



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

Max Number of Terminals (Industrial)			Vertical			Horizontal		
			W series V	Z series H	SAK series V	W series V	Z series H	SAK series V
WDU 2.5	ZDU 2.5	SAK 2.5	3 x 25	3 x 25	3 x 21	1 x 68	68	57
WDU 4	ZDU 4	SAK 4	3 x 21	3 x 21	3 x 19	1 x 57	57	53
WDU 6	ZDU 6	SAK 6	3 x 16	3 x 16	3 x 16	1 x 44	44	43
WDU 10	ZDU 10	SAK 10	3 x 12	3 x 12	3 x 12	1 x 35	35	34
WDU 16N	ZDU 16	SAK 16	3 x 10	3 x 10	3 x 10	1 x 29	29	29

Ordering Data Accessories

Sliding Fixing Nuts	Part Number
SFNS5 VKMU M5 SW16	**0433500000**

Notes: Each enclosure is supplied with a set of sliding nuts + washer+ screws M5, to fix the mounting rail TS 35 or 32 onto the C-Profile

Comments ** Cable entries based on Weidmüller's standard IP68 cable glands
– For specific hazardous area requirements please contact Weidmüller for a copy of the full certificate

Klippon® STB 6

Steel Enclosures for use in Industrial and Hazardous Area Applications

Dimensions

Height x Width x Depth	mm	**250 x 400 x 130**
Weight	kg	**6.90**

Technical Data

Enclosure Material:	Stainless Steel 1.4404(316L) 1.50mm
Ingress Protection:	IP66
Earthing:	Body-Internal/External M6 Stainless Steel Lid - M6 x 12 Stainless Steel
Internal Mounting:	via C-Profile welded
External Mounting:	4 External lugs with 8 mm holes
Lid Opening:	Fully detachable lid with 4 x M5 Bolts
Impact Resistance:	7J ATEX 10J industy standard
Gasket Material:	Silicone -50 °C to +120 °C
Gasket compression control in accordance with manufacturers recommendation	

Approvals for Empty Enclosure:

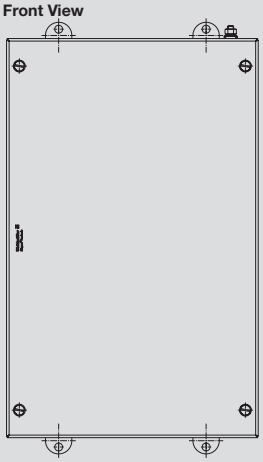
ATEX Certification: IBExU 07ATEX1147 U
ATEX Marking: Ⓔx II 2 G Ex e II
Ⓔx II 2 D Ex tD A21 IP66
cULus: E 256877
Lloyds Register: 08/20032
Germanischer Lloyd:5935808 HH
Gost: POCC DE.ME25.B01450

Approvals for Control and Distribution Box:

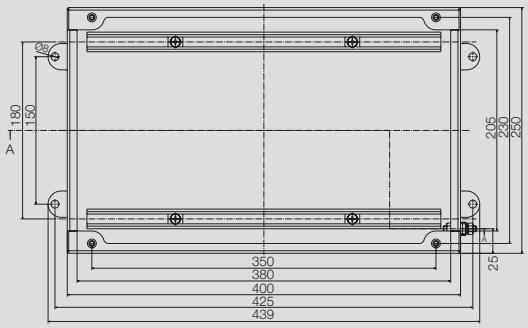
ATEX Certification: IBExU 07ATEX1148
ATEX Marking: Ⓔx II 2 GD Ex e II Tx Ex tD A21 IP6x Tx
Ⓔx II 1 GD Ex ia IIC Tx Ex tD A20 IP6x Tx
Ⓔx II 2(1) GD Ex e[ia] IIC Tx Ex tD A21 IP6x Tx

Elevations

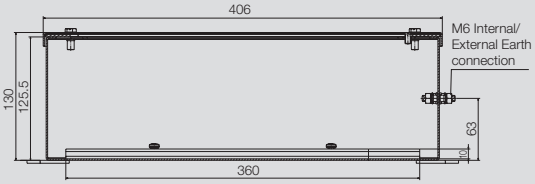
Front View



Front View – Lid Removed



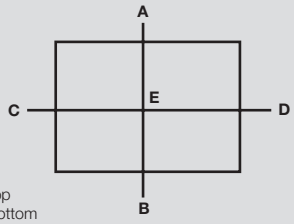
Side View



Ordering Data Enclosures

Description	Finish	Part Number
KLIPPON STB 6 SS	Polished Sheet	**1002760000**
KLIPPON STB 6 SS E	Electropolished	**1058870000**

Number of Cable Entries		A/B	C	D
Max number of cable entries per enclosure side**	M12	64	40	36
	M16	33	24	21
	M20	30	21	18
	M25	16	10	10
	M32	10	8	8
	M40	6	3	3
	M50	4	3	2
	M63	2	2	2



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

Max Number of Terminals (Industrial)			Vertical			Horizontal		
			W series V	Z series H	SAK series V	W series V	Z series H	SAK series V
WDU 2.5	ZDU 2.5	SAK 2.5	3 x 42	3 x 42	3 x 35	2 x 72	2 x 72	2 x 60
WDU 4	ZDU 4	SAK 4	3 x 35	3 x 35	3 x 33	2 x 60	2 x 60	2 x 56
WDU 6	ZDU 6	SAK 6	3 x 27	3 x 27	3 x 27	2 x 46	2 x 46	2 x 46
WDU 10	ZDU 10	SAK 10	3 x 22	3 x 22	3 x 21	2 x 37	2 x 37	2 x 36
WDU 16N	ZDU 16	SAK 16	3 x 18	3 x 18	3 x 18	2 x 30	2 x 30	2 x 30

Ordering Data Accessories

Sliding Fixing Nuts	Part Number
SFNS5 VKMU M5 SW16	**0433500000**

Notes: Each enclosure is supplied with a set of sliding nuts + washer+ screws M5, to fix the mounting rail TS 35 or 32 onto the C-Profile

Comments ** Cable entries based on Weidmüller's standard IP68 cable glands
– For specific hazardous area requirements please contact Weidmüller for a copy of the full certificate

Steel enclosures

Klippon® TB

- 12 standard sizes (two depths)
- 316L (1.4404) electropolished stainless steel
- High temperature silicone gasket
- High Ingress Protection (IP66/67)

Klippon® JB

- 10 standard sizes, bottom gland plate (3 depths)
- 316L (1.4404) brushed stainless steel
- For harsh and industrial applications
- Foamed high temperature silicone gasket
- High Ingress Protection – IP66

Klippon® STB

- 8 standard sizes
- 316L (1.4404) stainless steel
- Robust design for heavy duty applications

Aluminium enclosures

Klippon® K

- 19 standard sizes
- High quality aluminium alloy (natural or painted finish)
- High Ingress Protection – IP66

Polyester enclosures

Klippon® POK

- 17 standard sizes
- Durable Glass Reinforced Polyester (GRP)
- Halogen and cadmium free

TBF-Series

- 9 standard sizes
- Durable Glass Reinforced Polyester (GRP)
- Featuring either grey or transparent lid

Polycarbonate enclosures

MPC-Series

- 9 standard sizes
- Universal small polycarbonate enclosures
- Featuring either grey or transparent lid

FPC-Series

- 6 standard sizes
- Large polycarbonate enclosures
- Featuring either grey or transparent lid

Accessories

Cable glands
Stopping plugs
Breather drains

Cable entries

Subject to technical alterations and amendments without notice · Printed in Germany · 1102380000 · 04/2009 · SMMD