

Enclosures Klippon® Protect

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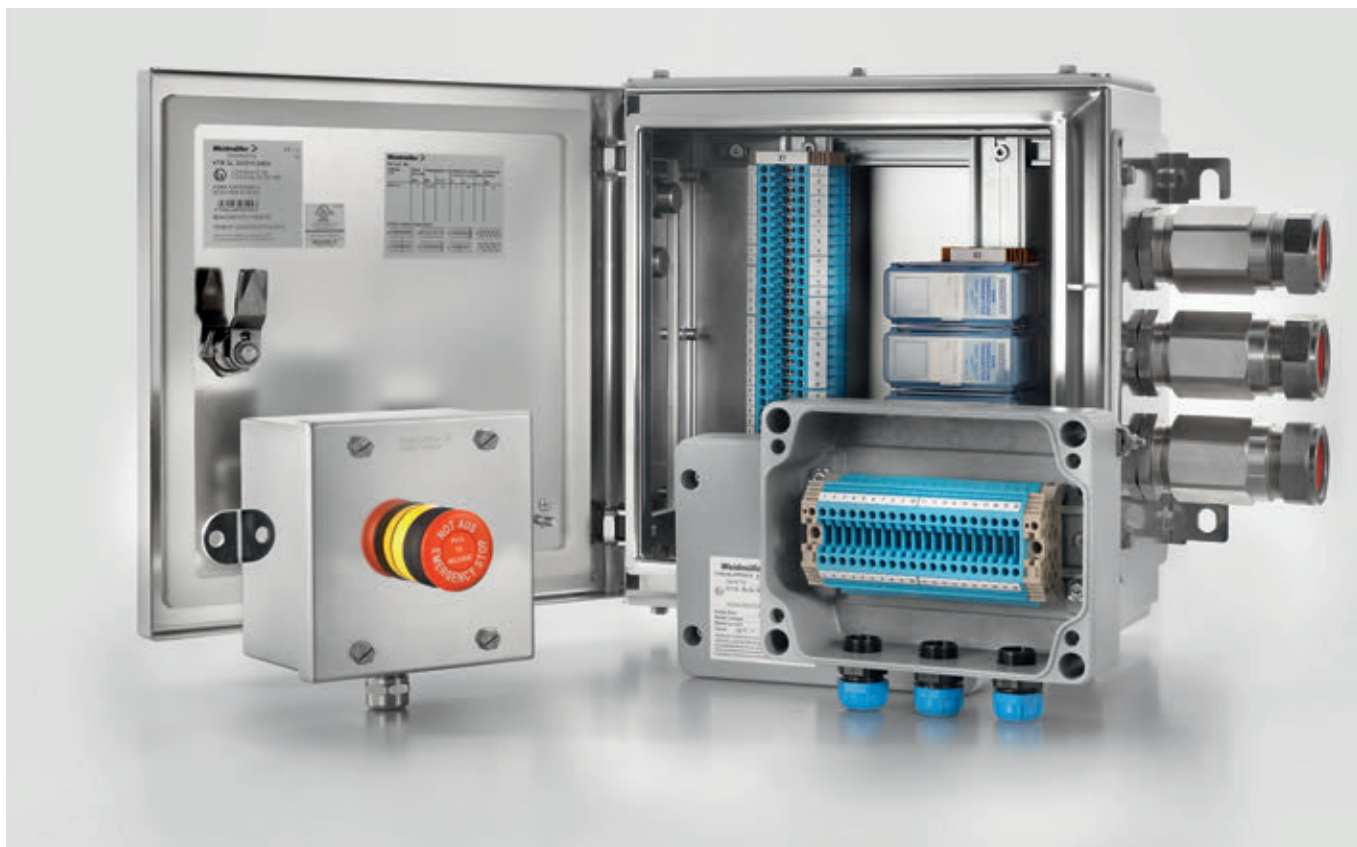
Klippon® Protect – established solutions for your application

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For more than 50 years, the Klippon® brand has stood for competence and quality in enclosures – in particular for industrial standard applications and for applications in explosive environments. With an overview of our Klippon® Protect application range, you will soon get an insight into the possibilities for your individual solution.

Application range

Our Klippon® Protect application products are designed for specific protection requirements in the field. These include application solutions for monitoring and safety, measurement and control technology and power distribution. The basis for these application solutions is formed by high quality and comprehensive approvals for explosive risk zones. You can obtain enclosure solutions such as terminal boxes, command and signalling devices and electronic boxes from a single source and with a consistent enclosure design - for maximum safety, reliable functionality and low follow-up costs for maintenance, replacement and storage.





Power distribution

Various types of terminal boxes are available for installing signal / power supplies or distributors in explosive risk zones.

The terminal boxes are explosion-protected equipment which is approved for use in explosive protected areas in zones 0, 1, 2 and 20, 21, 21. They are certified and approved in accordance with current international standards and cover explosion protection types Ex e, Ex ia and Ex tb.

Customer-specific configuration means these terminal boxes are the ideal solution for all applications.



Measurement and Control systems

The growing complexity of industry-specific installations in explosive risk zones requires ever more complex solutions. For this reason, the enclosure assemblies have to withstand immense pressures in the field in order to be able to reliably protect the sensitive electronic and control components from external influences.

Tailored to the respective requirements, the Klippon® Control Station combines various control devices and status displays with electronic components such as transmitters and fieldbus distributors in the enclosure, including the wiring of the connection terminals in the enclosure.

You receive a turnkey plug-and-play solution – including all the approvals required.



Monitoring and safety

As well as command and signalling devices or our established terminal boxes, we also offer assembled special models for your application.

With this solution, units are assembled with proximeters for vibration measurement, temperature transmitters for monitoring of operating temperature or eddy current sensors for non-contact distance measurement chains.

Depending on the enclosure version, up to 20 signal inverters, additional modular terminal blocks for connecting devices and intrinsically safe circuits are possible.

Making complex systems in hazardous areas more service-friendly

Klippon® Protect combines functions in the Control Station Large

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Decentralised applications in explosion-risk environments require particularly safe and compact solutions to control and operate motors, pumps, valves or whole machines.

Due to the Control Station Large, the latest application product in our Klippon® enclosure system, it is now possible to bundle all these functions in one enclosure and combine them sensibly with one another. For example, control points with additional signal converters or fieldbus distributors with manual control units.

The application-specific combination of multiple different functions in one enclosure reduces the space required and saves time on installation and servicing. As well as the Control Station Large, there is also the Control Station Small, which is a compact on-site control point, plus there is the traditional distributor enclosure with modular terminal blocks, all in a consistent design.



The increasing complexity of systems in hazardous areas means the solutions need to be more and more multi-layered. The option of combining multiple functions in a single enclosure makes the Control Station Large ideal for these requirements.

Your special advantages:

Many functions – one enclosure

Control points, fieldbus distributors, signal converters or even signal and power distributors – all these functions can be combined in a single enclosure as required.

Many applications – one design

Both the proven terminal box and the on-site control points or FOUNDATION fieldbus solutions can be produced in a consistent design – even when using different enclosure series within an application.

**Customer-specific assembly**

Combinations of different command transmitters and signalling devices with electronic components such as transmitters and fieldbus components, plus their wiring and connection terminals, can be developed and produced to meet exact customer requirements.

**Various enclosure materials**

Depending on the local environmental conditions, the enclosure of the Control Station Large can be made of electropolished stainless steel, powder-coated aluminium or glass fibre-reinforced polyester.

**Three functions in one enclosure**

Terminal distributors, fieldbus distributors and signal converters or on site control points can all be combined in a single enclosure with the Control Station Large.



Making complex systems in Ex areas more service-friendly

The Control Station Large offers a range of control functions in a single enclosure

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The growing complexity of industry-specific installations in explosive risk zones requires ever more complex solutions. For this reason, the enclosure assemblies have to withstand immense pressures in the field in order to be able to reliably protect the sensitive electronic and control components from external influences. They also have to meet the strict requirements of international approvals, which often make extreme demands in terms of the safety, durability and quality of the enclosures.

A good example of this is the oil and gas industry, where sensitive controls, electronics and operating and display elements have to work in extreme weather conditions while also meeting the requirements for use in explosive risk zones.



Our Control Station Large meets this range of requirements, combining various functions in one enclosure to suit the application. It is tailored to the respective application and combines various control and display elements and modular terminal blocks with electronic components such as transmitters and fieldbus distributors in one enclosure.

The application-specific combination of multiple different functions in one enclosure reduces the space required and saves time on maintenance and commissioning. As well as engineering performance, Weidmüller also offers a pre-wiring service for its enclosure assemblies based on the strict regulations governing Ex areas.

Other application products from Weidmüller are also based on the same design as the Control Station Large: the Control Station Small as a compact on-site control point and the classic distributor enclosure with modular terminal blocks.

Our promise:

- Turnkey plug-and-play solution - including wiring and all approvals required
- Distributor housing and command and signalling devices from a single source
- Consistent enclosure design - for maximum safety, reliable functionality and low follow-up costs for maintenance, exchange and storage



Contact

Our sales team will support you to find the best solution for you.
Let's connect.



Safely control work processes in hazardous areas on site

With certified enclosure solutions with control and display elements

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Harsh industrial environments and hazardous areas, such as in the oil and gas industry, place extreme demands on the safety, the robustness and quality of products and devices.

We meet these challenges with the Klippon® Control Station, the latest addition to our range of customised enclosure solutions. More than 50 years of expertise have made us market leader in this area with global competence centres. The basis of our enclosure solutions is provided by the usual Weidmüller quality and comprehensive approvals for explosion hazard areas. Based on this, our sturdy “on-site control station” is available in two standard sizes and with up to four control and display elements and provides a flexible solution to meet your specific needs.

Order your distributor enclosure as well as control and signaling units from a single source and from one enclosure design – for reliable security and reduced storage costs for maintenance and repair operations.



Predestined for emergency shutdown applications: Klippon® Control Stations score when it comes to the safe shutdown of plant sections, such as in the process industry

Your special advantages:

Ideal for urgent service calls

We have prepared modules of the proven Klippon® enclosure series STB, POK and K available for you for further processing. This means we manufacture a control solution suitable for your application at short notice.

Customised assembly

In addition to standard types from stock, you can obtain enclosure solutions from us that are completely assembled and equipped according to customer requirements.



Project solutions from a single source

Obtain command/signaling units and distribution and control boxes as a complete solution – tailored to the individual requirements of your projects in hazardous areas.



A variety of sizes and materials

Enclosures in stainless steel, aluminium or polyester are available for different environmental conditions. Depending on the size of the enclosure, it provides space for the integration of up to four control and display elements.

International certificates

The Klippon® Control Station is tested and certified among others according to ATEX and IECEx.



Durability for maximum requirements

Klippon® Protect sets the highest standards with stainless steel enclosures

The enclosure ranges Klippon® TB and Klippon® STB are offered in stainless steel and boost market leading performance characteristics, which even allow them to meet the demanding requirements for use with the harshest environments. The enclosures are certified and comply with the latest international standards – including ATEX and IECEx.

Additional features:

- Standard silicone seals for use in extreme temperature environments
- High Ingress Performance - IP66
- Welded-on mounting feet for wall mounting



Technical data

Material	Stainless steel
Surface finish	Mirror-polished
Colour	Natural
IP protection class	IP 54; IP 66
Ambient temperature	-55 °C to 55 °C
Seal material of enclosure	Silicone
Seal material of command and signalling units	EPDM
Flammability rating	-
Impact resistance IK	7 joules in acc. with IEC60079-0 4 joules in acc. with IEC60079-0 with integrated illuminated pushbutton or light module
Cable gland material	Nickel-plated brass
Cable gland clamping area min. – max. in mm	
M20	3–12 mm
M25	10–18 mm
Max. rated cross-section	2.5 mm ²
Max. operating voltage with integrated illuminated pushbutton or light module	400 V 250 V
Maximum operating current at 40 °C ambient temperature	
1.5 mm ² – T6	10 A
1.5 mm ² – T5	16 A
2.5 mm ² – T6	16 A
Maximum operating current at 55 °C ambient temperature	
1.5 mm ² – T4	16 A
1.5 mm ² – T5	10 A
2.5 mm ² – T5	16 A
Temperature class	T4, T5, T6
Type of mounting	Wall mounting
Earthing inside	M6x10 earthing studs integrated in the cover, stainless steel
Lid attachment	Hexagonal slothead screws SW10
Lid screw torque	2.5 Nm
Earthing torque	7.5 Nm
Earthing outside	M6 earthing studs, stainless steel
Approvals	IECEx IAT14.0013X TUEV14ATEX7606X MARITREG 15.40082.250
Marking	2G Ex e d IIC T* Gb 2G Ex ib d [ia] IIC T* Gb 2D Ex tb IIC T80/100 °C Db
Mounting feet	2 welded-on mounting feet with 8 mm holes



Number of built-in components				Emergency stop pushbutton	Key switch	Pushbutton		Illuminated push button		Light module		Dimensions with built-in components WxHxD in mm	Designation	Cable gland	Order number	
				red	I – 0 – II	red	green	red	green	red	green					
Stainless steel	•			1								120x150x119	KLIPPON CS STB 1-1	VG M20	1537200000	
	•						1					120x150x94.6	KLIPPON CS STB 1-1	VG M20	1537210000	
	•				1							120x120x111	KLIPPON CS STB 1-1	VG M20	1537220000	
	•								1			120x150x96.3	KLIPPON CS STB 1-1	VG M20	1537230000	
	•			1								120x153.35x118.95	KLIPPON CS STB 1-2	VG M25	1537240000	
	•						1					120x153.4x94.6	KLIPPON CS STB 1-2	VG M25	1537250000	
	•				1							120x120x111	KLIPPON CS STB 1-2	VG M25	1537280000	
	•								1			120x153.35x96.3	KLIPPON CS STB 1-2	VG M25	1537290000	
		•				1	1					150x223.35x94.6	KLIPPON CS STB 2.1-2	VG M25	1537300000	
		•					1				1	150x223.35x103.2	KLIPPON CS STB 2.1-2	VG M25	1537310000	
		•		1						1		150x223.35x118.95	KLIPPON CS STB 2.1-2	VG M25	1537320000	
			•			1	2					150x223.35x94.6	KLIPPON CS STB 2.1-6	VG M25	1537330000	
			•			1	1		1			150x223.35x103.2	KLIPPON CS STB 2.1-7	VG M25	1537340000	
			•	1		1	1					150x220x118.95	KLIPPON CS STB 2.1-7	VG M20	1537370000	

Klippon® CS STB 1-1



Klippon® CS STB 1-1



Technical data

Enclosure
Dimensions with installation (HxBxD)
Material
General characteristics
Surface finish / Colour
Protection class
Ambient temperature
Impact resistance
Enclosure seal material
Seal material of operating and display elements
Type of mounting
Internal earth
External earth
Lid attachment
Torque for lid screws
Earth stud torque
Electrical properties*
Wire connection cross section, finely stranded, max.
Operating voltage, max.
Temperature class
Enclosure assembly
1 Position in enclosure
2 Position in enclosure
3 Position in enclosure
4 Position in enclosure
Contact design
Actuators
Actuator colour
Illumination module colour
Illuminated button actuator colour
Cable entries
Drill holes side B
Cable gland
Clamping range min. / max.
Approval and Marking
Standards
Certificate No. (IECEX)
Certificate No. (ATEX)
Certificate No. (EAC)
Certificate No. (MARITREG)
Marking

150 / 120 / 119 mm
Stainless steel 1.4404 (316L)
Mirror polished / Natural
IP54, IP66
-55 °C...+55 °C
7 joules in acc. with IEC60079-0
Silicone (VMQ)
EPDM
Wall mounting
M6 x 10 earthing studs integrated in the lid, stainless steel
M6 earthing studs, stainless steel
M5 hexagonal screw with slot and 10mm distance across flats
2.5 Nm
7.5 Nm
2.5 mm²
400 V
T4, T5, T6
EMERGENCY-STOP pushbutton with yellow, contrasting label
2 NC contact, positive opening contacts
EMERGENCY STOP pushbutton
red
1 x M20
1460050000 - VG M20 EXE MS
3 mm / 12 mm
IEC 60079-0, IEC 60079-7, IEC 60079-31
IECEXITA14.0013X
TUEV14ATEX7606X
RUC-DE.TB08.B.01838
15.40082.250
2G Ex d e IIC T* Gb
2G Ex d ib [ia] IIC T* Gb
2D Ex tb IIIC T80/100 °C Db

150 / 120 / 95 mm
Stainless steel 1.4404 (316L)
Mirror polished / Natural
IP54, IP66
-55 °C...+55 °C
7 joules in acc. with IEC60079-0
Silicone (VMQ)
EPDM
Wall mounting
M6 x 10 earthing studs integrated in the lid, stainless steel
M6 earthing studs, stainless steel
M5 hexagonal screw with slot and 10mm distance across flats
2.5 Nm
7.5 Nm
2.5 mm²
400 V
T4, T5, T6
Pushbutton - green
1 NC contact, 1 NO contacts
Pushbutton
green
1 x M20
1460050000 - VG M20 EXE MS
3 mm / 12 mm
IEC 60079-0, IEC 60079-7, IEC 60079-31
IECEXITA14.0013X
TUEV14ATEX7606X
RUC-DE.TB08.B.01838
15.40082.250
2G Ex d e IIC T* Gb
2G Ex d ib [ia] IIC T* Gb
2D Ex tb IIIC T80/100 °C Db

Note

Ordering data

Type	Qty.	Order No.
KLIPPON CS STB 1-1	1	1537200000
Note		

Type	Qty.	Order No.
KLIPPON CS STB 1-1	1	1537200000
*Other temperature classes and connection values on request, or see "Notice to Installer".		

Type	Qty.	Order No.
KLIPPON CS STB 1-1	1	1537210000
*Other temperature classes and connection values on request, or see "Notice to Installer".		

Klippon® CS STB 1-1



150 / 120 / 109 mm
Stainless steel 1.4404 (316L)
Mirror polished / Natural
IP54, IP65
-55 °C...+55 °C
7 joules in acc. with IEC60079-0
Silicone (VMQ)
EPDM
Wall mounting
M6 x 10 earthing studs integrated in the lid, stainless steel
M6 earthing studs, stainless steel
M5 hexagonal screw with slot and 10mm distance across flats
2.5 Nm
7.5 Nm
2.5 mm ²
400 V
T4, T5, T6
Key-operated switch
1 NC contact, 1 NO contacts
Key-operated switch, 3 switching positions, I - 0 - II, (I + II), latching, Key retractable
1 x M20
1460050000 - VG M20 EXE MS
3 mm / 12 mm
IEC 60079-0, IEC 60079-7, IEC 60079-31
IECEXITA14.0013X
TUEV14ATEX7606X
RUC-DE.TB08.B.01838
15.40082.250
2G Ex d e IIC T* Gb
2G Ex d ib [ia] IIC T* Gb
2D Ex tb IIIC T80/100 °C Db

Type	Qty.	Order No.
KLIPPON CS STB 1-1	1	1537220000

*Other temperature classes and connection values on request, or see "Notice to Installer".

Klippon® CS STB 1-1



150 / 120 / 96 mm
Stainless steel 1.4404 (316L)
Mirror polished / Natural
IP54, IP66
-55 °C...+55 °C
4 joules in acc. with IEC60079-0
Silicone (VMQ)
EPDM
Wall mounting
M6 x 10 earthing studs integrated in the lid, stainless steel
M6 earthing studs, stainless steel
M5 hexagonal screw with slot and 10mm distance across flats
2.5 Nm
7.5 Nm
2.5 mm ²
250 V
T4, T5, T6
Illuminated pushbutton - green
2 NO contacts
Pushbutton
green
green
1 x M20
1460050000 - VG M20 EXE MS
3 mm / 12 mm
IEC 60079-0, IEC 60079-7, IEC 60079-31
IECEXITA14.0013X
TUEV14ATEX7606X
RUC-DE.TB08.B.01838
15.40082.250
2G Ex d e IIC T* Gb
2G Ex d ib [ia] IIC T* Gb
2D Ex tb IIIC T80/100 °C Db

Type	Qty.	Order No.
KLIPPON CS STB 1-1	1	1537230000

*Other temperature classes and connection values on request, or see "Notice to Installer".

Klippon® CS STB 1-2



153 / 120 / 119 mm
Stainless steel 1.4404 (316L)
Mirror polished / Natural
IP54, IP66
-55 °C...+55 °C
7 joules in acc. with IEC60079-0
Silicone (VMQ)
EPDM
Wall mounting
M6 x 10 earthing studs integrated in the lid, stainless steel
M6 earthing studs, stainless steel
M5 hexagonal screw with slot and 10mm distance across flats
2.5 Nm
7.5 Nm
2.5 mm ²
400 V
T4, T5, T6
EMERGENCY-STOP pushbutton with yellow, contrasting label
2 NC contact, positive opening contacts
EMERGENCY STOP pushbutton
red
1 x M25
1460070000 - VG M25 EXE MS
10 mm / 18 mm
IEC 60079-0, IEC 60079-7, IEC 60079-31
IECEXITA14.0013X
TUEV14ATEX7606X
RUC-DE.TB08.B.01838
15.40082.250
2G Ex d e IIC T* Gb
2G Ex d ib [ia] IIC T* Gb
2D Ex tb IIIC T80/100 °C Db

Type	Qty.	Order No.
KLIPPON CS STB 1-2	1	1537240000

*Other temperature classes and connection values on request, or see "Notice to Installer".

Klippon® CS STB 1-2



Klippon® CS STB 1-2



Technical data

Enclosure	
Dimensions with installation (HxBxD)	
Material	
General characteristics	
Surface finish / Colour	
Protection class	
Ambient temperature	
Impact resistance	
Enclosure seal material	
Seal material of operating and display elements	
Type of mounting	
Internal earth	
External earth	
Lid attachment	
Torque for lid screws	
Earth stud torque	
Electrical properties*	
Wire connection cross section, finely stranded, max.	
Operating voltage, max.	
Temperature class	
Enclosure assembly	
1 Position in enclosure	
2 Position in enclosure	
3 Position in enclosure	
4 Position in enclosure	
Contact design	
Actuators	
Actuator colour	
Illumination module colour	
Illuminated button actuator colour	
Cable entries	
Drill holes side B	
Cable gland	
Clamping range min. / max.	
Approval and Marking	
Standards	
Certificate No. (IECEX)	
Certificate No. (ATEX)	
Certificate No. (EAC)	
Certificate No. (MARITREG)	
Marking	

153 / 120 / 95 mm
Stainless steel 1.4404 (316L)
Mirror polished / Natural
IP54, IP66
-55 °C...+55 °C
7 joules in acc. with IEC60079-0
Silicone (VMQ)
EPDM
Wall mounting
M6 x 10 earthing studs integrated in the lid, stainless steel
M6 earthing studs, stainless steel
M5 hexagonal screw with slot and 10mm distance across flats
2.5 Nm
7.5 Nm
2.5 mm²
400 V
T4, T5, T6
Pushbutton - green
1 NC contact, 1 NO contacts
Pushbutton
green
1 x M25
1460070000 - VG M25 EXE MS
10 mm / 18 mm
IEC 60079-0, IEC 60079-7, IEC 60079-31
IECEXITA14.0013X
TUEV14ATEX7606X
RUC-DE.TB08.B.01838
15.40082.250
2G Ex d e IIC T* Gb
2G Ex d ib [ia] IIC T* Gb
2D Ex tb IIC T80/100 °C Db

153 / 120 / 109 mm
Stainless steel 1.4404 (316L)
Mirror polished / Natural
IP54, IP65
-55 °C...+55 °C
7 joules in acc. with IEC60079-0
Silicone (VMQ)
EPDM
Wall mounting
M6 x 10 earthing studs integrated in the lid, stainless steel
M6 earthing studs, stainless steel
M5 hexagonal screw with slot and 10mm distance across flats
2.5 Nm
7.5 Nm
2.5 mm²
400 V
T4, T5, T6
Key-operated switch
1 NC contact, 1 NO contacts
Key-operated switch, 3 switching positions, I - 0 - II, (I + II), latching, Key retractable
1 x M25
1460070000 - VG M25 EXE MS
10 mm / 18 mm
IEC 60079-0, IEC 60079-7, IEC 60079-31
IECEXITA14.0013X
TUEV14ATEX7606X
RUC-DE.TB08.B.01838
15.40082.250
2G Ex d e IIC T* Gb
2G Ex d ib [ia] IIC T* Gb
2D Ex tb IIC T80/100 °C Db

Note

Ordering data

Note	
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Type	Qty.	Order No.
KLIPPON CS STB 1-2	1	1537250000

*Other temperature classes and connection values on request, or see "Notice to Installer".

Type	Qty.	Order No.
KLIPPON CS STB 1-2	1	1537280000

*Other temperature classes and connection values on request, or see "Notice to Installer".

Klippon® CS STB 1-2



153 / 120 / 96 mm
Stainless steel 1.4404 (316L)
Mirror polished / Natural
IP54, IP66
-55 °C...+55 °C
4 joules in acc. with IEC60079-0
Silicone (VMQ)
EPDM
Wall mounting
M6 x 10 earthing studs integrated in the lid, stainless steel
M6 earthing studs, stainless steel
M5 hexagonal screw with slot and 10mm distance across flats
2.5 Nm
7.5 Nm
2.5 mm ²
250 V
T4, T5, T6
Illuminated pushbutton - green
2 NO contacts
Pushbutton
green
green
1 x M25
1460070000 - VG M25 EXE MS
3 mm / 12 mm
IEC 60079-0, IEC 60079-7, IEC 60079-31
IECEXITA14.0013X
TUEV14ATEX7606X
RUC-DE.TB08.B.01838
15.40082.250
2G Ex d e IIC T* Gb
2G Ex d ib [ia] IIC T* Gb
2D Ex tb IIIC T80/100 °C Db

Type	Qty.	Order No.
KLIPPON CS STB 1-2	1	1537290000

*Other temperature classes and connection values on request, or see "Notice to Installer".

Klippon® CS STB 2.1-2



223 / 150 / 95 mm
Stainless steel 1.4404 (316L)
Mirror polished / Natural
IP54, IP66
-55 °C...+55 °C
7 joules in acc. with IEC60079-0
Silicone (VMQ)
EPDM
Wall mounting
M6 x 10 earthing studs integrated in the lid, stainless steel
M6 earthing studs, stainless steel
M5 hexagonal screw with slot and 10mm distance across flats
2.5 Nm
7.5 Nm
2.5 mm ²
400 V
T4, T5, T6
Pushbutton - red
Pushbutton - green
2 NC contact, 2 NO contacts
Pushbutton
red, green
green
1 x M25
1460070000 - VG M25 EXE MS
10 mm / 18 mm
IEC 60079-0, IEC 60079-7, IEC 60079-31
IECEXITA14.0013X
TUEV14ATEX7606X
RUC-DE.TB08.B.01838
15.40082.250
2G Ex d e IIC T* Gb
2G Ex d ib [ia] IIC T* Gb
2D Ex tb IIIC T80/100 °C Db

Type	Qty.	Order No.
KLIPPON CS STB 2.1-2	1	1537300000

*Other temperature classes and connection values on request, or see "Notice to Installer".

Klippon® CS STB 2.1-2



223 / 150 / 103 mm
Stainless steel 1.4404 (316L)
Mirror polished / Natural
IP54, IP66
-55 °C...+55 °C
4 joules in acc. with IEC60079-0
Silicone (VMQ)
EPDM
Wall mounting
M6 x 10 earthing studs integrated in the lid, stainless steel
M6 earthing studs, stainless steel
M5 hexagonal screw with slot and 10mm distance across flats
2.5 Nm
7.5 Nm
2.5 mm ²
250 V
T4, T5, T6
Light module - green
Pushbutton - green
1 NC contact, 1 NO contacts
Pushbutton
green
green
1 x M25
1460070000 - VG M25 EXE MS
10 mm / 18 mm
IEC 60079-0, IEC 60079-7, IEC 60079-31
IECEXITA14.0013X
TUEV14ATEX7606X
RUC-DE.TB08.B.01838
15.40082.250
2G Ex d e IIC T* Gb
2G Ex d ib [ia] IIC T* Gb
2D Ex tb IIIC T80/100 °C Db

Type	Qty.	Order No.
KLIPPON CS STB 2.1-2	1	1537310000

*Other temperature classes and connection values on request, or see "Notice to Installer".

Klippon® CS STB 2.1-2



Klippon® CS STB 2.1-6



Technical data

Enclosure	
Dimensions with installation (HxBxD)	
Material	
General characteristics	
Surface finish / Colour	
Protection class	
Ambient temperature	
Impact resistance	
Enclosure seal material	
Seal material of operating and display elements	
Type of mounting	
Internal earth	
External earth	
Lid attachment	
Torque for lid screws	
Earth stud torque	
Electrical properties*	
Wire connection cross section, finely stranded, max.	
Operating voltage, max.	
Temperature class	
Enclosure assembly	
1 Position in enclosure	
2 Position in enclosure	
3 Position in enclosure	
4 Position in enclosure	
Contact design	
Actuators	
Actuator colour	
Illumination module colour	
Illuminated button actuator colour	
Cable entries	
Drill holes side B	
Cable gland	
Clamping range min. / max.	
Approval and Marking	
Standards	
Certificate No. (IECEX)	
Certificate No. (ATEX)	
Certificate No. (EAC)	
Certificate No. (MARITREG)	
Marking	

223 / 150 / 119 mm
Stainless steel 1.4404 (316L)
Mirror polished / Natural
IP54, IP66
-55 °C...+55 °C
4 joules in acc. with IEC60079-0
Silicone (VMQ)
EPDM
Wall mounting
M6 x 10 earthing studs integrated in the lid, stainless steel
M6 earthing studs, stainless steel
M5 hexagonal screw with slot and 10mm distance across flats
2.5 Nm
7.5 Nm
2.5 mm²
250 V
T4, T5, T6
Light module - red
EMERGENCY-STOP pushbutton with yellow, contrasting label
2 NC contact, positive opening contacts
EMERGENCY STOP pushbutton
red
1 x M25
1460070000 - VG M25 EXE MS
10 mm / 18 mm
IEC 60079-0, IEC 60079-7, IEC 60079-31
IECEXITA14.0013X
TUEV14ATEX7606X
RUC-DE.TB08.B.01838
15.40082.250
2G Ex d e IIC T* Gb
2G Ex d ib [ia] IIC T* Gb
2D Ex tb IIIC T80/100 °C Db

223 / 150 / 95 mm
Stainless steel 1.4404 (316L)
Mirror polished / Natural
IP54, IP66
-55 °C...+55 °C
7 joules in acc. with IEC60079-0
Silicone (VMQ)
EPDM
Wall mounting
M6 x 10 earthing studs integrated in the lid, stainless steel
M6 earthing studs, stainless steel
M5 hexagonal screw with slot and 10mm distance across flats
2.5 Nm
7.5 Nm
2.5 mm²
400 V
T4, T5, T6
Pushbutton - green
Pushbutton - red
Pushbutton - green
3 NC contact, 3 NO contacts
Pushbutton
green, red
1 x M25
1460070000 - VG M25 EXE MS
10 mm / 18 mm
IEC 60079-0, IEC 60079-7, IEC 60079-31
IECEXITA14.0013X
TUEV14ATEX7606X
RUC-DE.TB08.B.01838
15.40082.250
2G Ex d e IIC T* Gb
2G Ex d ib [ia] IIC T* Gb
2D Ex tb IIIC T80/100 °C Db

Note

Ordering data

Type	Qty.	Order No.
KLIPPON CS STB 2.1-2	1	1537320000
Note		
*Other temperature classes and connection values on request, or see "Notice to Installer".		

Type	Qty.	Order No.
KLIPPON CS STB 2.1-2	1	1537320000
Note		
*Other temperature classes and connection values on request, or see "Notice to Installer".		

Type	Qty.	Order No.
KLIPPON CS STB 2.1-6	1	1537330000
Note		
*Other temperature classes and connection values on request, or see "Notice to Installer".		

Klippon® CS STB 2.1-7



223 / 150 / 103 mm
Stainless steel 1.4404 (316L)
Mirror polished / Natural
IP54, IP66
-55 °C...+55 °C
4 joules in acc. with IEC60079-0
Silicone (VMQ)
EPDM
Wall mounting
M6 x 10 earthing studs integrated in the lid, stainless steel
M6 earthing studs, stainless steel
M5 hexagonal screw with slot and 10mm distance across flats
2.5 Nm
7.5 Nm
2.5 mm ²
250 V
T4, T5, T6
Pushbutton - red
Light module - green
Pushbutton - green
2 NC contact, 2 NO contacts
Pushbutton
red, green
green
1 x M25
1460070000 - VG M25 EXE MS
10 mm / 18 mm
IEC 60079-0, IEC 60079-7, IEC 60079-31
IECEXITA14.0013X
TUEV14ATEX7606X
RUC-DE.TB08.B.01838
15.40082.250
2G Ex d e IIC T* Gb
2G Ex d ib [ia] IIC T* Gb
2D Ex tb IIIC T80/100 °C Db

Type	Qty.	Order No.
KLIPPON CS STB 2.1-7	1	1537340000

*Other temperature classes and connection values on request, or see "Notice to Installer".

Klippon® CS STB 2.1-7



220 / 150 / 119 mm
Stainless steel 1.4404 (316L)
Mirror polished / Natural
IP54, IP66
-55 °C...+55 °C
7 joules in acc. with IEC60079-0
Silicone (VMQ)
EPDM
Wall mounting
M6 x 10 earthing studs integrated in the lid, stainless steel
M6 earthing studs, stainless steel
M5 hexagonal screw with slot and 10mm distance across flats
2.5 Nm
7.5 Nm
2.5 mm ²
400 V
T4, T5, T6
Pushbutton - green
Pushbutton - red
EMERGENCY-STOP pushbutton with yellow, contrasting label
2 NO contacts, 2 NC contact, positive opening contacts
Pushbutton, EMERGENCY STOP pushbutton
green, red
2 x M20
1460050000 - VG M20 EXE MS
3 mm / 12 mm
IEC 60079-0, IEC 60079-7, IEC 60079-31
IECEXITA14.0013X
TUEV14ATEX7606X
RUC-DE.TB08.B.01838
15.40082.250
2G Ex d e IIC T* Gb
2G Ex d ib [ia] IIC T* Gb
2D Ex tb IIIC T80/100 °C Db

Type	Qty.	Order No.
KLIPPON CS STB 2.1-7	1	1537370000

*Other temperature classes and connection values on request, or see "Notice to Installer".

Robust solutions for demanding environments

Klippon® Protect provides high-quality polyester enclosures

Our enclosures made of high-quality polyester (Klippon® POK) are the ideal solutions for demanding electrical connectivity applications. They are particularly suitable for applications that demand corrosion resistance, impact resistance and a high protection class. Suitable for use within hazardous environments.

Additional features:

- Extremely robust, weather-proof and impact-resistant up to 7 joules
- Simple fastening of mounting rails
- High ingress protection IP66



Technical data

Material
Surface finish
Colour
IP protection class
Ambient temperature
Seal material of enclosure
Seal material of command and signalling units
Flammability rating
Impact resistance IK
Cable gland material
Cable gland clamping area min. – max. in mm
M20
M25
Max. rated cross-section
Max. operating voltage
with integrated illuminated pushbutton or lighting module
Maximum operating current at 40 °C ambient temperature
1.5 mm ² – T6
1.5 mm ² – T5
2.5 mm ² – T6
Maximum operating current at 55 °C ambient temperature
1.5 mm ² – T4
1.5 mm ² – T5
2.5 mm ² – T5
Temperature class
Type of mounting
Earthing inside
Lid attachment
Lid screw torque
Earthing torque
Earthing outside
Approvals
Marking
Mounting feet

Polyester enclosures

Glass-fibre reinforced polyester with graphite mixture
Natural, black
Similar to RAL 9011
IP 54; IP 66
-55 °C to 55 °C
Silicone (VMQ)
EPDM
-
7 joules in acc. with IEC60079-0 4 joules in acc. with IEC60079-0 with integrated illuminated pushbutton or light module
Polyamide
Available on request
6–12 mm
2.5 mm ²
400 V
250 V
10 A
16 A
16 A
16 A
10 A
16 A
T4, T5, T6
Wall mounting
Earth terminal
Crosshead screws, stainless steel
2.5–3.0 Nm
-
Available on request
IECEx ITA14.0013X
TUEV14ATEX7606X
MARITREG 15.40082.250
2G Ex e d IIC T* Gb
2G Ex ib d [ia] IIC T* Gb
2D Ex tb IIC T80/100 °C Db
9510910000



Number of built-in components				Emergency stop pushbutton	Key switch	Pushbutton		Illuminated pushbutton		Light module		Dimensions with built-in components WxHxD in mm	Designation	Cable gland	Order number	
•	•	•	•	red	I – 0 – II	red	green	red	green	red	green					
•				1								120x152.14x127.45	KLIPPON CS POK 121209-2	VG M25	1537070000	
•							1					120x152.14x103.1	KLIPPON CS POK 121209-2	VG M25	1537080000	
•					1							120x122x126	KLIPPON CS POK 121209-2	VG M25	1537090000	
•									1			120x152.14x104.8	KLIPPON CS POK 121209-2	VG M25	1537100000	
	•					1	1					120x152.14x103.1	KLIPPON CS POK 121209-4	VG M25	1537110000	
	•						1				1	120x152.14x111.7	KLIPPON CS POK 121209-4	VG M25	1537120000	
	•			1						1		120x152.14x127.45	KLIPPON CS POK 121209-4	VG M25	1537130000	
		•				1	1				1	120x250.14x111.7	KLIPPON CS POK 122209-2	VG M25	1537140000	
		•				1	2					120x250.14x103.1	KLIPPON CS POK 122209-2	VG M25	1537150000	
		•		1		1	1					120x250.14x127.45	KLIPPON CS POK 122209-2	VG M25	1537170000	
			•			1	1			1	1	120x250.14x111.7	KLIPPON CS POK 122209-4	VG M25	1537180000	

Klippon® Control Station – POK - Polyester enclosures

Klippon® CS POK 121209-2



Klippon® CS POK 121209-2



Technical data

Enclosure
Dimensions with installation (HxBxD)
Material
General characteristics
Surface finish / Colour
Protection class
Ambient temperature
Impact resistance
UL 94 flammability rating
Enclosure seal material
Seal material of operating and display elements
Type of mounting
External earth
Lid attachment
Torque for lid screws
Electrical properties*
Wire connection cross section, finely stranded, max.
Operating voltage, max.
Temperature class
Enclosure assembly
1 Position in enclosure
2 Position in enclosure
3 Position in enclosure
4 Position in enclosure
Contact design
Actuators
Actuator colour
Illumination module colour
Illuminated button actuator colour
Cable entries
Drill holes side B
Cable gland
Clamping range min. / max.
Approval and Marking
Standards
Certificate No. (IECEX)
Certificate No. (ATEX)
Certificate No. (EAC)
Certificate No. (MARITREG)
Marking
Accessories
Mounting feet

152 / 120 / 128 mm
Glass-fibre reinforced polyester with graphite mixture
untreated / similar to RAL 9011
IP54, IP66
-55 °C...+55 °C
7 joules in acc. with IEC60079-0
V-0
Silicone (VMQ)
EPDM
Wall mounting
Available on request
Crosshead screws, stainless steel
2.5 Nm
2.5 mm ²
400 V
T4, T5, T6
EMERGENCY-STOP pushbutton with yellow, contrasting label
2 NC contact, positive opening contacts
EMERGENCY STOP pushbutton
red
1 x M25
2017260000 - VG M25 EXE 12-17 CR 7J
12 mm / 17 mm
IEC 60079-0, IEC 60079-7, IEC 60079-31
IECEXITA14.0013X
TUEV14ATEX7606X
RUC-DE.TB08.B.01838
15.40082.250
2G Ex d e IIC T* Gb
2G Ex d ib [ia] IIC T* Gb
2D Ex tb IIIC T80/100 °C Db
9510910000 - MF POK big

152 / 120 / 103 mm
Glass-fibre reinforced polyester with graphite mixture
untreated / similar to RAL 9011
IP54, IP66
-55 °C...+55 °C
7 joules in acc. with IEC60079-0
V-0
Silicone (VMQ)
EPDM
Wall mounting
Available on request
Crosshead screws, stainless steel
2.5 Nm
2.5 mm ²
400 V
T4, T5, T6
Pushbutton - green
1 NC contact, 1 NO contacts
Pushbutton
green
1 x M25
2017260000 - VG M25 EXE 12-17 CR 7J
12 mm / 17 mm
IEC 60079-0, IEC 60079-7, IEC 60079-31
IECEXITA14.0013X
TUEV14ATEX7606X
RUC-DE.TB08.B.01838
15.40082.250
2G Ex d e IIC T* Gb
2G Ex d ib [ia] IIC T* Gb
2D Ex tb IIIC T80/100 °C Db
9510910000 - MF POK big

Note

Ordering data

Type	Qty.	Order No.
KLIPPON CS POK 121209-2	1	1537070000
Note		

Type	Qty.	Order No.
KLIPPON CS POK 121209-2	1	1537070000

*Other temperature classes and connection values on request, or see "Notice to Installer".

Type	Qty.	Order No.
KLIPPON CS POK 121209-2	1	1537080000

*Other temperature classes and connection values on request, or see "Notice to Installer".

Klippon® CS POK 121209-2



152 / 120 / 117 mm
Glass-fibre reinforced polyester with graphite mixture
untreated / similar to RAL 9011
IP54, IP65
-55 °C...+55 °C
7 joules in acc. with IEC60079-0
V-0
Silicone (VMQ)
EPDM
Wall mounting
Available on request
Crosshead screws, stainless steel
2.5 Nm
2.5 mm ²
400 V
T4, T5, T6
Key-operated switch
1 NC contact, 1 NO contacts
Key-operated switch, 3 switching positions, I - 0 - II, (I + II), latching, Key retractable
1 x M25
2017260000 - VG M25 EXE 12-17 CR 7J
12 mm / 17 mm
IEC 60079-0, IEC 60079-7, IEC 60079-31
IECEXITA14.0013X
TUEV14ATEX7606X
RUC-DE.TB08.B.01838
15.40082.250
2G Ex d e IIC T* Gb
2G Ex d ib [ia] IIC T* Gb
2D Ex tb IIIC T80/100 °C Db
9510910000 - MF POK big

Type	Qty.	Order No.
KLIPPON CS POK 121209-2	1	1537090000

*Other temperature classes and connection values on request, or see "Notice to Installer".

Klippon® CS POK 121209-2



152 / 120 / 105 mm
Glass-fibre reinforced polyester with graphite mixture
untreated / similar to RAL 9011
IP54, IP66
-55 °C...+55 °C
4 joules in acc. with IEC60079-0
V-0
Silicone (VMQ)
EPDM
Wall mounting
Available on request
Crosshead screws, stainless steel
2.5 Nm
2.5 mm ²
250 V
T4, T5, T6
Illuminated pushbutton - green
2 NO contacts
Pushbutton
green
green
1 x M25
2017260000 - VG M25 EXE 12-17 CR 7J
12 mm / 17 mm
IEC 60079-0, IEC 60079-7, IEC 60079-31
IECEXITA14.0013X
TUEV14ATEX7606X
RUC-DE.TB08.B.01838
15.40082.250
2G Ex d e IIC T* Gb
2G Ex d ib [ia] IIC T* Gb
2D Ex tb IIIC T80/100 °C Db
9510910000 - MF POK big

Type	Qty.	Order No.
KLIPPON CS POK 121209-2	1	1537100000

*Other temperature classes and connection values on request, or see "Notice to Installer".

Klippon® CS POK 121209-4



152 / 120 / 103 mm
Glass-fibre reinforced polyester with graphite mixture
untreated / similar to RAL 9011
IP54, IP66
-55 °C...+55 °C
7 joules in acc. with IEC60079-0
V-0
Silicone (VMQ)
EPDM
Wall mounting
Available on request
Crosshead screws, stainless steel
2.5 Nm
2.5 mm ²
400 V
T4, T5, T6
Pushbutton - red
Pushbutton - green
2 NC contact, 2 NO contacts
Pushbutton
red, green
1 x M25
2017260000 - VG M25 EXE 12-17 CR 7J
12 mm / 17 mm
IEC 60079-0, IEC 60079-7, IEC 60079-31
IECEXITA14.0013X
TUEV14ATEX7606X
RUC-DE.TB08.B.01838
15.40082.250
2G Ex d e IIC T* Gb
2G Ex d ib [ia] IIC T* Gb
2D Ex tb IIIC T80/100 °C Db
9510910000 - MF POK big

Type	Qty.	Order No.
KLIPPON CS POK 121209-4	1	1537110000

*Other temperature classes and connection values on request, or see "Notice to Installer".

Klippon® Control Station – POK - Polyester enclosures

Klippon® CS POK 121209-4



Klippon® CS POK 121209-4



Technical data

Enclosure	
Dimensions with installation (HxBxD)	
Material	
General characteristics	
Surface finish / Colour	
Protection class	
Ambient temperature	
Impact resistance	
UL 94 flammability rating	
Enclosure seal material	
Seal material of operating and display elements	
Type of mounting	
External earth	
Lid attachment	
Torque for lid screws	
Electrical properties*	
Wire connection cross section, finely stranded, max.	
Operating voltage, max.	
Temperature class	
Enclosure assembly	
1 Position in enclosure	
2 Position in enclosure	
3 Position in enclosure	
4 Position in enclosure	
Contact design	
Actuators	
Actuator colour	
Illumination module colour	
Illuminated button actuator colour	
Cable entries	
Drill holes side B	
Cable gland	
Clamping range min. / max.	
Approval and Marking	
Standards	
Certificate No. (IECEX)	
Certificate No. (ATEX)	
Certificate No. (EAC)	
Certificate No. (MARITREG)	
Marking	
Accessories	
Mounting feet	

152 / 120 / 112 mm
Glass-fibre reinforced polyester with graphite mixture
untreated / similar to RAL 9011
IP54, IP66
-55 °C...+55 °C
4 joules in acc. with IEC60079-0
V-0
Silicone (VMQ)
EPDM
Wall mounting
Available on request
Crosshead screws, stainless steel
2.5 Nm
2.5 mm ²
250 V
T4, T5, T6
Light module - green
Pushbutton - green
1 NC contact, 1 NO contacts
Pushbutton
green
green
1 x M25
2017260000 - VG M25 EXE 12-17 CR 7J
12 mm / 17 mm
IEC 60079-0, IEC 60079-7, IEC 60079-31
IECEXITA14.0013X
TUEV14ATEX7606X
RUC-DE.TB08.B.01838
15.40082.250
2G Ex d e IIC T* Gb
2G Ex d ib [ia] IIC T* Gb
2D Ex tb IIIC T80/100 °C Db
9510910000 - MF POK big

152 / 120 / 128 mm
Glass-fibre reinforced polyester with graphite mixture
untreated / similar to RAL 9011
IP54, IP66
-55 °C...+55 °C
4 joules in acc. with IEC60079-0
V-0
Silicone (VMQ)
EPDM
Wall mounting
Available on request
Crosshead screws, stainless steel
2.5 Nm
2.5 mm ²
250 V
T4, T5, T6
Light module - red
EMERGENCY-STOP pushbutton with yellow, contrasting label
2 NC contact, positive opening contacts
EMERGENCY STOP pushbutton
red
red
1 x M25
2017260000 - VG M25 EXE 12-17 CR 7J
12 mm / 17 mm
IEC 60079-0, IEC 60079-7, IEC 60079-31
IECEXITA14.0013X
TUEV14ATEX7606X
RUC-DE.TB08.B.01838
15.40082.250
2G Ex d e IIC T* Gb
2G Ex d ib [ia] IIC T* Gb
2D Ex tb IIIC T80/100 °C Db
9510910000 - MF POK big

Note

Ordering data

Type	Qty.	Order No.
KLIPPON CS POK 121209-4	1	1537120000
Note		
*Other temperature classes and connection values on request, or see "Notice to Installer".		

Type	Qty.	Order No.
KLIPPON CS POK 121209-4	1	1537130000
Note		
*Other temperature classes and connection values on request, or see "Notice to Installer".		

Type	Qty.	Order No.
KLIPPON CS POK 121209-4	1	1537130000
Note		
*Other temperature classes and connection values on request, or see "Notice to Installer".		

Klippon® CS POK 122209-2



250 / 120 / 112 mm
Glass-fibre reinforced polyester with graphite mixture
untreated / similar to RAL 9011
IP54, IP66
-55 °C...+55 °C
4 joules in acc. with IEC60079-0
V-0
Silicone (VMQ)
EPDM
Wall mounting
Available on request
Crosshead screws, stainless steel
2.5 Nm
2.5 mm ²
250 V
T4, T5, T6
Pushbutton - red
Light module - green
Pushbutton - green
2 NC contact, 2 NO contacts
Pushbutton
red, green
green
1 x M25
2017260000 - VG M25 EXE 12-17 CR 7J
12 mm / 17 mm
IEC 60079-0, IEC 60079-7, IEC 60079-31
IECExITA14.0013X
TUEV14ATEX7606X
RUC-DE.TB08.B.01838
15.40082.250
2G Ex d e IIC T* Gb
2G Ex d ib [ia] IIC T* Gb
2D Ex tb IIIC T80/100 °C Db
9510910000 - MF POK big

Klippon® CS POK 122209-2



250 / 120 / 103 mm
Glass-fibre reinforced polyester with graphite mixture
untreated / similar to RAL 9011
IP54, IP66
-55 °C...+55 °C
7 joules in acc. with IEC60079-0
V-0
Silicone (VMQ)
EPDM
Wall mounting
Available on request
Crosshead screws, stainless steel
2.5 Nm
2.5 mm ²
400 V
T4, T5, T6
Pushbutton - green
Pushbutton - red
Pushbutton - green
3 NC contact, 3 NO contacts
Pushbutton
green, red
1 x M25
2017260000 - VG M25 EXE 12-17 CR 7J
12 mm / 17 mm
IEC 60079-0, IEC 60079-7, IEC 60079-31
IECExITA14.0013X
TUEV14ATEX7606X
RUC-DE.TB08.B.01838
15.40082.250
2G Ex d e IIC T* Gb
2G Ex d ib [ia] IIC T* Gb
2D Ex tb IIIC T80/100 °C Db
9510910000 - MF POK big

Klippon® CS POK 122209-2



250 / 120 / 128 mm
Glass-fibre reinforced polyester with graphite mixture
untreated / similar to RAL 9011
IP54, IP66
-55 °C...+55 °C
7 joules in acc. with IEC60079-0
V-0
Silicone (VMQ)
EPDM
Wall mounting
Available on request
Crosshead screws, stainless steel
2.5 Nm
2.5 mm ²
400 V
T4, T5, T6
Pushbutton - green
Pushbutton - red
EMERGENCY-STOP pushbutton with yellow, contrasting label
2 NO contacts, 2 NC contact, positive opening contacts
Pushbutton, EMERGENCY STOP pushbutton
green, red
1 x M25
2017260000 - VG M25 EXE 12-17 CR 7J
12 mm / 17 mm
IEC 60079-0, IEC 60079-7, IEC 60079-31
IECExITA14.0013X
TUEV14ATEX7606X
RUC-DE.TB08.B.01838
15.40082.250
2G Ex d e IIC T* Gb
2G Ex d ib [ia] IIC T* Gb
2D Ex tb IIIC T80/100 °C Db
9510910000 - MF POK big

Type	Qty.	Order No.
KLIPPON CS POK 122209-2	1	1537140000

*Other temperature classes and connection values on request, or see "Notice to Installer".

Type	Qty.	Order No.
KLIPPON CS POK 122209-2	1	1537150000

*Other temperature classes and connection values on request, or see "Notice to Installer".

Type	Qty.	Order No.
KLIPPON CS POK 122209-2	1	1537170000

*Other temperature classes and connection values on request, or see "Notice to Installer".

Klippon® CS POK 122209-4



Technical data

Enclosure	
Dimensions with installation (HxBxD)	250 / 120 / 112 mm
Material	Glass-fibre reinforced polyester with graphite mixture
General characteristics	
Surface finish / Colour	untreated / similar to RAL 9011
Protection class	IP54, IP66
Ambient temperature	-55 °C...+55 °C
Impact resistance	4 joules in acc. with IEC60079-0
UL 94 flammability rating	V-0
Enclosure seal material	Silicone (VMQ)
Seal material of operating and display elements	EPDM
Type of mounting	Wall mounting
External earth	Available on request
Lid attachment	Crosshead screws, stainless steel
Torque for lid screws	2.5 Nm
Electrical properties*	
Wire connection cross section, finely stranded, max.	2.5 mm²
Operating voltage, max.	250 V
Temperature class	T4, T5, T6
Enclosure assembly	
1 Position in enclosure	Light module - red
2 Position in enclosure	Pushbutton - red
3 Position in enclosure	Light module - green
4 Position in enclosure	Pushbutton - green
Contact design	2 NC contact, 2 NO contacts
Actuators	Pushbutton
Actuator colour	green, red
Illumination module colour	red, green
Illuminated button actuator colour	
Cable entries	
Drill holes side B	1 x M25
Cable gland	2017260000 - VG M25 EXE 12-17 CR 7J
Clamping range min. / max.	12 mm / 17 mm
Approval and Marking	
Standards	IEC 60079-0, IEC 60079-7, IEC 60079-31
Certificate No. (IECEX)	IECEXITA14.0013X
Certificate No. (ATEX)	TUEV14ATEX7606X
Certificate No. (EAC)	RUC-DE.TB08.B.01838
Certificate No. (MARITREG)	15.40082.250
Marking	2G Ex d e IIC T* Gb 2G Ex d ib [ia] IIC T* Gb 2D Ex tb IIIC T80/100 °C Db
Accessories	
Mounting feet	9510910000 - MF POK big

Note

Ordering data

Type	Qty.	Order No.
KLIPPON CS POK 122209-4	1	1537180000

Note

*Other temperature classes and connection values on request, or see "Notice to Installer".

Reliable stability for all applications

Klippon® Protect – convincing with impact-resistant aluminium enclosures

Aluminium enclosures (Klippon® K) can be used with a wide range of applications and are ideally suited for the assembly of terminal blocks, switches, power supplies, operating and display elements or electronic modules. Available in aluminium alloy and powder coated RAL 7001. The mounting holes are located outside the sealing area, while a corresponding thread enables mounting rails and mounting plates to be affixed.

Additional features:

- Standardised enclosure with integrated threaded holes
- Cover attachment with corrosion-resistant Torx slothead screws
- Fastening by means of mounting feet or internal mounting holes
- Splice-free seals for optimum ingress protection up to IP 66



Technical data

Material
Surface finish
Colour
IP protection class
Ambient temperature
Seal material of enclosure
Seal material of command and signalling units
Flammability rating
Impact resistance IK
Cable gland material
Cable gland clamping area min. – max. in mm
M20
M25
Max. rated cross-section
Max. operating voltage with integrated illuminated pushbutton or light module
Maximum operating current at 40 °C ambient temperature
1.5 mm ² – T6
1.5 mm ² – T5
2.5 mm ² – T6
Maximum operating current at 55 °C ambient temperature
1.5 mm ² – T4
1.5 mm ² – T5
2.5 mm ² – T5
Temperature class
Type of mounting
Earthing inside
Lid attachment
Lid screw torque
Earthing torque
Earthing outside
Approvals
Marking
Mounting feet

Aluminium

Aluminium alloy (AL-Si12)
Powder-coated
RAL 7001
IP 54; IP 66
-55 °C to 55 °C
Silicone (VMQ)
EPDM
-
7 joules in acc. with IEC60079-0 4 joules in acc. with IEC60079-0 with integrated illuminated pushbutton or light module
Nickel-plated brass
3–12 mm
10–18 mm
2.5 mm ²
400 V
250 V
10 A
16 A
16 A
16 A
10 A
16 A
T4, T5, T6
Wall mounting
Earth terminal
Torx® 20 slothead screws
2.5 Nm
2.5 Nm
M4 earthing studs, stainless steel
IECEx IAT14.0013X TUEV14ATEX7606X MARITREG 15.40082.250
2G Ex e d IIC T* Gb 2G Ex ib d [ia] IIC T* Gb 2D Ex tb IIC T80/100 °C Db
9527590000



Number of built-in components					Emergency stop pushbutton	Key switch	Pushbutton		Illuminated pushbutton		Light module		Dimensions with built-in components WxHxD in mm	Designation	Cable gland	Order number	
					red	I – 0 – II	red	green	red	green	red	green					
Aluminium	•				1								120x148.81x118.45	KLIPPON CS K41-1	VG M20	1537470000	
	•						1						120x148.81x94.1	KLIPPON CS K41-1	VG M20	1537480000	
	•					1							120x122x117	KLIPPON CS K41-1	VG M20	1537490000	
	•									1			120x148.81x95.8	KLIPPON CS K41-1	VG M20	1537500000	
	•						1	1					120x152.21x94.1	KLIPPON CS K41-4	VG M25	1537510000	
	•							1				1	120x152.21x102.7	KLIPPON CS K41-4	VG M25	1537520000	
	•				1						1		120x152.21x118.45	KLIPPON CS K41-4	VG M25	1537530000	
		•					1	1				1	120x250.21x102.7	KLIPPON CS K51-2	VG M25	1537540000	
		•					1	2					120x250.21x94.1	KLIPPON CS K51-2	VG M25	1537550000	
		•			1		1	1					120x250.21x118.45	KLIPPON CS K51-2	VG M25	1537570000	
			•				1	1			1	1	120x250.21x102.7	KLIPPON CS K51-4	VG M25	1537580000	

Klippon® CS K41-1



Klippon® CS K41-1



Technical data

Enclosure	
Dimensions with installation (HxBxD)	
Material	
General characteristics	
Surface finish / Colour	
Protection class	
Ambient temperature	
Impact resistance	
Enclosure seal material	
Seal material of operating and display elements	
Type of mounting	
Internal earth	
External earth	
Lid attachment	
Torque for lid screws	
Earth stud torque	
Electrical properties*	
Wire connection cross section, finely stranded, max.	
Operating voltage, max.	
Temperature class	
Enclosure assembly	
1 Position in enclosure	
2 Position in enclosure	
3 Position in enclosure	
4 Position in enclosure	
Contact design	
Actuators	
Actuator colour	
Illumination module colour	
Illuminated button actuator colour	
Cable entries	
Drill holes side B	
Cable gland	
Clamping range min. / max.	
Approval and Marking	
Standards	
Certificate No. (IECEX)	
Certificate No. (ATEX)	
Certificate No. (EAC)	
Certificate No. (MARITREG)	
Marking	
Accessories	
Mounting feet	

149 / 120 / 119 mm
Aluminium AlSi12
Powder-coated / Silver grey
IP54, IP66
-55 °C...+55 °C
7 joules in acc. with IEC60079-0
Silicone (VMQ)
EPDM
Wall mounting
Earth terminal
M4 earthing studs, stainless steel
Torx®-20 slothead screws
2.5 Nm
2.5 Nm
2.5 mm²
400 V
T4, T5, T6
EMERGENCY-STOP pushbutton with yellow, contrasting label
2 NC contact, positive opening contacts
EMERGENCY STOP pushbutton
red
1 x M20
1460050000 - VG M20 EXE MS
3 mm / 12 mm
IEC 60079-0, IEC 60079-7, IEC 60079-31
IECEXITA14.0013X
TUEV14ATEX7606X
RUC-DE.TB08.B.01838
15.40082.250
2G Ex d e IIC T* Gb
2G Ex d ib [ia] IIC T* Gb
2D Ex tb IIIC T80/100 °C Db
9527590000 - KLIPPON K MF KIT 25

149 / 120 / 94 mm
Aluminium AlSi12
Powder-coated / Silver grey
IP54, IP66
-55 °C...+55 °C
7 joules in acc. with IEC60079-0
Silicone (VMQ)
EPDM
Wall mounting
Earth terminal
M4 earthing studs, stainless steel
Torx®-20 slothead screws
2.5 Nm
2.5 Nm
2.5 mm²
400 V
T4, T5, T6
Pushbutton - green
1 NC contact, 1 NO contacts
Pushbutton
green
1 x M20
1460050000 - VG M20 EXE MS
3 mm / 12 mm
IEC 60079-0, IEC 60079-7, IEC 60079-31
IECEXITA14.0013X
TUEV14ATEX7606X
RUC-DE.TB08.B.01838
15.40082.250
2G Ex d e IIC T* Gb
2G Ex d ib [ia] IIC T* Gb
2D Ex tb IIIC T80/100 °C Db
9527590000 - KLIPPON K MF KIT 25

Note

Ordering data

Type	Qty.	Order No.
KLIPPON CS K41-1	1	1537470000
Note		
*Other temperature classes and connection values on request, or see "Notice to Installer".		

Type	Qty.	Order No.
KLIPPON CS K41-1	1	1537470000
Note		
*Other temperature classes and connection values on request, or see "Notice to Installer".		

Type	Qty.	Order No.
KLIPPON CS K41-1	1	1537480000
Note		
*Other temperature classes and connection values on request, or see "Notice to Installer".		

Klippon® CS K41-1



149 / 120 / 108 mm
Aluminium AISi12
Powder-coated / Silver grey
IP54, IP65
-55 °C...+55 °C
7 joules in acc. with IEC60079-0
Silicone (VMQ)
EPDM
Wall mounting
Earth terminal
M4 earthing studs, stainless steel
Torx®-20 slothead screws
2.5 Nm
2.5 Nm
2.5 mm ²
400 V
T4, T5, T6
Key-operated switch
1 NC contact, 1 NO contacts
Key-operated switch, 3 switching positions, I - 0 - II, (I + II), latching, Key retractable
1 x M20
1460050000 - VG M20 EXE MS
3 mm / 12 mm
IEC 60079-0, IEC 60079-7, IEC 60079-31
IECEXITA14.0013X
TUEV14ATEX7606X
RUC-DE.TB08.B.01838
15.40082.250
2G Ex d e IIC T* Gb
2G Ex d ib [ia] IIC T* Gb
2D Ex tb IIIC T80/100 °C Db
9527590000 - KLIPPON K MF KIT 25

Type	Qty.	Order No.
KLIPPON CS K41-1	1	1537490000

*Other temperature classes and connection values on request, or see "Notice to Installer".

Klippon® CS K41-1



149 / 120 / 96 mm
Aluminium AISi12
Powder-coated / Silver grey
IP54, IP66
-55 °C...+55 °C
4 joules in acc. with IEC60079-0
Silicone (VMQ)
EPDM
Wall mounting
Earth terminal
M4 earthing studs, stainless steel
Torx®-20 slothead screws
2.5 Nm
2.5 Nm
2.5 mm ²
250 V
T4, T5, T6
Illuminated pushbutton - green
2 NO contacts
Pushbutton
green
green
1 x M20
1460050000 - VG M20 EXE MS
3 mm / 12 mm
IEC 60079-0, IEC 60079-7, IEC 60079-31
IECEXITA14.0013X
TUEV14ATEX7606X
RUC-DE.TB08.B.01838
15.40082.250
2G Ex d e IIC T* Gb
2G Ex d ib [ia] IIC T* Gb
2D Ex tb IIIC T80/100 °C Db
9527590000 - KLIPPON K MF KIT 25

Type	Qty.	Order No.
KLIPPON CS K41-1	1	1537500000

*Other temperature classes and connection values on request, or see "Notice to Installer".

Klippon® CS K41-4



152 / 120 / 119 mm
Aluminium AISi12
Powder-coated / Silver grey
IP54, IP66
-55 °C...+55 °C
7 joules in acc. with IEC60079-0
Silicone (VMQ)
EPDM
Wall mounting
Earth terminal
M4 earthing studs, stainless steel
Torx®-20 slothead screws
2.5 Nm
2.5 Nm
2.5 mm ²
400 V
T4, T5, T6
Pushbutton - red
Pushbutton - green
2 NC contact, 2 NO contacts
Pushbutton
red, green
1 x M25
1460070000 - VG M25 EXE MS
10 mm / 18 mm
IEC 60079-0, IEC 60079-7, IEC 60079-31
IECEXITA14.0013X
TUEV14ATEX7606X
RUC-DE.TB08.B.01838
15.40082.250
2G Ex d e IIC T* Gb
2G Ex d ib [ia] IIC T* Gb
2D Ex tb IIIC T80/100 °C Db
9527590000 - KLIPPON K MF KIT 25

Type	Qty.	Order No.
KLIPPON CS K41-4	1	1537510000

*Other temperature classes and connection values on request, or see "Notice to Installer".

Klippon® CS K41-4



Klippon® CS K41-4



Technical data

Enclosure	
Dimensions with installation (HxBxD)	
Material	
General characteristics	
Surface finish / Colour	
Protection class	
Ambient temperature	
Impact resistance	
Enclosure seal material	
Seal material of operating and display elements	
Type of mounting	
Internal earth	
External earth	
Lid attachment	
Torque for lid screws	
Earth stud torque	
Electrical properties*	
Wire connection cross section, finely stranded, max.	
Operating voltage, max.	
Temperature class	
Enclosure assembly	
1 Position in enclosure	
2 Position in enclosure	
3 Position in enclosure	
4 Position in enclosure	
Contact design	
Actuators	
Actuator colour	
Illumination module colour	
Illuminated button actuator colour	
Cable entries	
Drill holes side B	
Cable gland	
Clamping range min. / max.	
Approval and Marking	
Standards	
Certificate No. (IECEX)	
Certificate No. (ATEX)	
Certificate No. (EAC)	
Certificate No. (MARITREG)	
Marking	
Accessories	
Mounting feet	

152 / 120 / 103 mm
Aluminium AlSi12
Powder-coated / Silver grey
IP54, IP66
-55 °C...+55 °C
4 joules in acc. with IEC60079-0
Silicone (VMQ)
EPDM
Wall mounting
Earth terminal
M4 earthing studs, stainless steel
Torx®-20 slothead screws
2.5 Nm
2.5 Nm
2.5 mm²
250 V
T4, T5, T6
Light module - green
Pushbutton - green
1 NC contact, 1 NO contacts
Pushbutton
green
green
1 x M25
1460070000 - VG M25 EXE MS
10 mm / 18 mm
IEC 60079-0, IEC 60079-7, IEC 60079-31
IECEXITA14.0013X
TUEV14ATEX7606X
RUC-DE.TB08.B.01838
15.40082.250
2G Ex d e IIC T* Gb
2G Ex d ib [ia] IIC T* Gb
2D Ex tb IIIC T80/100 °C Db
9527590000 - KLIPPON K MF KIT 25

152 / 120 / 119 mm
Aluminium AlSi12
Powder-coated / Silver grey
IP54, IP66
-55 °C...+55 °C
4 joules in acc. with IEC60079-0
Silicone (VMQ)
EPDM
Wall mounting
Earth terminal
M4 earthing studs, stainless steel
Torx®-20 slothead screws
2.5 Nm
2.5 Nm
2.5 mm²
250 V
T4, T5, T6
Light module - red
EMERGENCY-STOP pushbutton with yellow, contrasting label
2 NC contact, positive opening contacts
EMERGENCY STOP pushbutton
red
1 x M25
1460070000 - VG M25 EXE MS
10 mm / 18 mm
IEC 60079-0, IEC 60079-7, IEC 60079-31
IECEXITA14.0013X
TUEV14ATEX7606X
RUC-DE.TB08.B.01838
15.40082.250
2G Ex d e IIC T* Gb
2G Ex d ib [ia] IIC T* Gb
2D Ex tb IIIC T80/100 °C Db
9527590000 - KLIPPON K MF KIT 25

Note

Ordering data

Type	Qty.	Order No.
KLIPPON CS K41-4	1	1537520000
Note		
*Other temperature classes and connection values on request, or see "Notice to Installer".		

Type	Qty.	Order No.
KLIPPON CS K41-4	1	1537520000
Note		
*Other temperature classes and connection values on request, or see "Notice to Installer".		

Type	Qty.	Order No.
KLIPPON CS K41-4	1	1537530000
Note		
*Other temperature classes and connection values on request, or see "Notice to Installer".		

Klippon® CS K51-2



250 / 120 / 103 mm
Aluminium AlSi12
Powder-coated / Silver grey
IP54, IP66
-55 °C...+55 °C
4 joules in acc. with IEC60079-0
Silicone (VMQ)
EPDM
Wall mounting
Earth terminal
M4 earthing studs, stainless steel
Torx®-20 slothead screws
2.5 Nm
2.5 Nm
2.5 mm ²
250 V
T4, T5, T6
Pushbutton - red
Light module - green
Pushbutton - green
2 NC contact, 2 NO contacts
Pushbutton
red, green
green
1 x M25
1460070000 - VG M25 EXE MS
10 mm / 18 mm
IEC 60079-0, IEC 60079-7, IEC 60079-31
IECEXITA14.0013X
TUEV14ATEX7606X
RUC-DE.TB08.B.01838
15.40082.250
2G Ex d e IIC T* Gb
2G Ex d ib [ia] IIC T* Gb
2D Ex tb IIIC T80/100 °C Db
9527590000 - KLIPPON K MF KIT 25

Type	Qty.	Order No.
KLIPPON CS K51-2	1	1537540000

*Other temperature classes and connection values on request, or see "Notice to Installer".

Klippon® CS K51-2



250 / 120 / 94 mm
Aluminium AlSi12
Powder-coated / Silver grey
IP54, IP66
-55 °C...+55 °C
7 joules in acc. with IEC60079-0
Silicone (VMQ)
EPDM
Wall mounting
Earth terminal
M4 earthing studs, stainless steel
Torx®-20 slothead screws
2.5 Nm
2.5 Nm
2.5 mm ²
400 V
T4, T5, T6
Pushbutton - green
Pushbutton - red
Pushbutton - green
3 NC contact, 3 NO contacts
Pushbutton
green, red
1 x M25
1460070000 - VG M25 EXE MS
10 mm / 18 mm
IEC 60079-0, IEC 60079-7, IEC 60079-31
IECEXITA14.0013X
TUEV14ATEX7606X
RUC-DE.TB08.B.01838
15.40082.250
2G Ex d e IIC T* Gb
2G Ex d ib [ia] IIC T* Gb
2D Ex tb IIIC T80/100 °C Db
9527590000 - KLIPPON K MF KIT 25

Type	Qty.	Order No.
KLIPPON CS K51-2	1	1537550000

*Other temperature classes and connection values on request, or see "Notice to Installer".

Klippon® CS K51-2



250 / 120 / 119 mm
Aluminium AlSi12
Powder-coated / Silver grey
IP54, IP66
-55 °C...+55 °C
7 joules in acc. with IEC60079-0
Silicone (VMQ)
EPDM
Wall mounting
Earth terminal
M4 earthing studs, stainless steel
Torx®-20 slothead screws
2.5 Nm
2.5 Nm
2.5 mm ²
400 V
T4, T5, T6
Pushbutton - green
Pushbutton - red
EMERGENCY-STOP pushbutton with yellow, contrasting label
2 NO contacts, 2 NC contact, positive opening contacts
Pushbutton, EMERGENCY STOP pushbutton
green, red
1 x M25
1460070000 - VG M25 EXE MS
10 mm / 18 mm
IEC 60079-0, IEC 60079-7, IEC 60079-31
IECEXITA14.0013X
TUEV14ATEX7606X
RUC-DE.TB08.B.01838
15.40082.250
2G Ex d e IIC T* Gb
2G Ex d ib [ia] IIC T* Gb
2D Ex tb IIIC T80/100 °C Db
9527590000 - KLIPPON K MF KIT 25

Type	Qty.	Order No.
KLIPPON CS K51-2	1	1537570000

*Other temperature classes and connection values on request, or see "Notice to Installer".

Klippon® CS K51-4



Technical data

Enclosure	
Dimensions with installation (HxBxD)	250 / 120 / 103 mm
Material	Aluminium AlSi12
General characteristics	
Surface finish / Colour	Powder-coated / Silver grey
Protection class	IP54, IP66
Ambient temperature	-55 °C...+55 °C
Impact resistance	4 joules in acc. with IEC60079-0
Enclosure seal material	Silicone (VMQ)
Seal material of operating and display elements	EPDM
Type of mounting	Wall mounting
Internal earth	Earth terminal
External earth	M4 earthing studs, stainless steel
Lid attachment	Torx®-20 slothead screws
Torque for lid screws	2.5 Nm
Earth stud torque	2.5 Nm
Electrical properties*	
Wire connection cross section, finely stranded, max.	2.5 mm²
Operating voltage, max.	250 V
Temperature class	T4, T5, T6
Enclosure assembly	
1 Position in enclosure	Light module - red
2 Position in enclosure	Pushbutton - red
3 Position in enclosure	Light module - green
4 Position in enclosure	Pushbutton - green
Contact design	2 NC contact, 2 NO contacts
Actuators	Pushbutton
Actuator colour	green, red
Illumination module colour	red, green
Illuminated button actuator colour	
Cable entries	
Drill holes side B	1 x M25
Cable gland	1460070000 - VG M25 EXE MS
Clamping range min. / max.	10 mm / 18 mm
Approval and Marking	
Standards	IEC 60079-0, IEC 60079-7, IEC 60079-31
Certificate No. (IECEX)	IECEXITA14.0013X
Certificate No. (ATEX)	TUEV14ATEX7606X
Certificate No. (EAC)	RUC-DE.TB08.B.01838
Certificate No. (MARITREG)	15.40082.250
Marking	2G Ex d e IIC T* Gb 2G Ex d ib [ia] IIC T* Gb 2D Ex tb IIIC T80/100 °C Db
Accessories	
Mounting feet	9527590000 - KLIPPON K MF KIT 25

Note

Ordering data

Type	Qty.	Order No.
KLIPPON CS K51-4	1	1537580000

Note

*Other temperature classes and connection values on request, or see "Notice to Installer".

Klippon® Protect – Terminal Boxes – Product overview Steel enclosures

Various types of terminal boxes are available for installing signal / power supplies or distributors in explosive risk zones.

The terminal boxes are explosion-protected equipment approved for use in Ex areas in zones 0, 1, 2 and 20, 21, 22.

They are certified in accordance with the latest international standards Ex e, Ex ia and Ex tb. Customer-specific configuration means these terminal boxes are the optimum solution for all applications. Use the product overview to find the right solution for you!

Combine the enclosure, with or without threaded holes, a suitable mounting rail or pre-fitted strip terminals.

We have put together a small selection for you, but we are happy to configure a bespoke solution for you.

Features:

- Available in a wide range of versions to meet customer requirements
- Additional international approvals alongside IECEx, ATEX and EAC also available
- Increased quality thanks to the use of established basic products in the Klippon® brand



Overview of enclosures

Terminal boxes based on the Klippon® TB range of enclosures

Description	Height x width x depth in mm	Marking	Approval	Order No.
KTb MH 221513 Exia	229 x 152 x 133	Ex ia IIC T4 Ga	IECEx, ATEX, EAC	8000028398
KTb MH 262615 Exia	260 x 260 x 150	Ex ia IIC T4 Ga	IECEx, ATEX, EAC	8000028399
KTb QL 303020 Exe	306 x 306 x 200	Ex e IIC T6 Gb	IECEx, ATEX, EAC	8000028400
KTb QL 484820 Exe	480 x 480 x 200	Ex e IIC T6 Gb	IECEx, ATEX, EAC	8000028401
Note				

Terminal boxes based on the Klippon® STB range of enclosures

Description	Height x width x depth in mm	Marking	Approval	Order No.
STB 1 Exia	120 x 120 x 80	Ex ia IIC T4 Ga	IECEx, ATEX, EAC	8000028394
STB 2 Exe	150 x 150 x 90	Ex e IIC T6 Gb	IECEx, ATEX, EAC	8000028395
STB 3 Exe	190 x 190 x 100	Ex e IIC T6 Gb	IECEx, ATEX, EAC	8000028396
STB 4 Exe	250 x 250 x 120	Ex e IIC T6 Gb	IECEx, ATEX, EAC	8000028397
Note				

Technical Overview

Technical data

Enclosures	
Material	Stainless steel 1.4404 (316L) 1.5 mm
Surface finish	Electropolished (Klippon® TB) and mirror-polished (Klippon® STB)
IP protection class	IP 66 / IP 67
Gasket material	Silicone
Terminal block	
Material	Wemid
Colour	beige, blue or green/yellow
Connection system	screw connection
Clampable wires (H05V/H07V)	solid, flexible and flexible with ferrule
Note	

Approvals for Klippon® TB

ATEX certificate	IBExU14ATEX1050
IECEx certificate	IECEx IBE 14.0013
EAC certificate	RUC-DE.08.B.01328
Note	
Labelling depends on the application layout. For details of power dissipation, please contact your Weidmüller representative.	

Approvals for Klippon® STB

ATEX certificate	IBExU07ATEX1148
IECEx certificate	IECEx IBE 09.0019
EAC certificate	RUC-DE.08.B.01328
Note	
Labelling depends on the application layout. For details of power dissipation, please contact your Weidmüller representative.	

Klippon® TB MH 221513 Ex ia Terminal Box

Depth 133 mm



Height / Width / Depth 229 / 152 / 133 mm

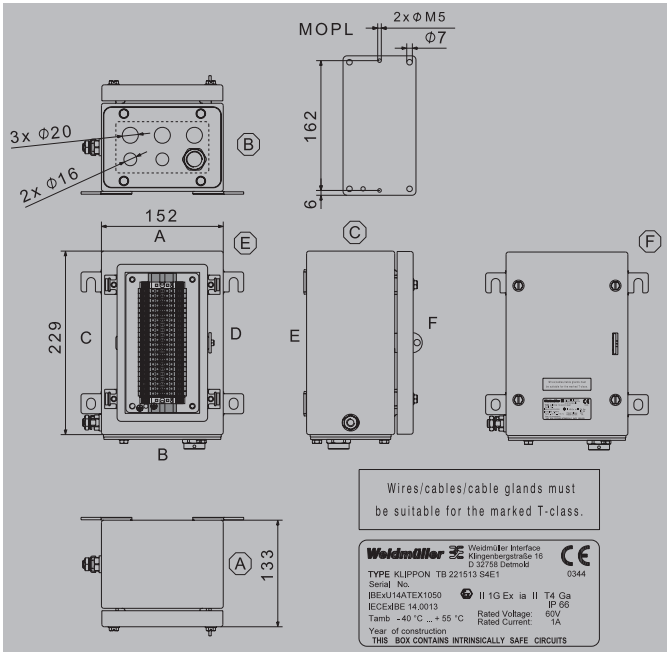
Ordering data

	Order No.
KTB MH 221513 Exia	8000028398
Note	

Technical data

Article - short description	Klippon® Klippon TB MH (Terminal Box - Multi Hinge)- Enclosure systems, Terminal Box
Marking [assembled enclosure]	Ex ia IIC T4 Ga
Certificate no. assembled enclosure (ATEX)	IBExU14ATEX1050
Certificate no. assembled enclosure (IECEX)	IECEX IBE 14.0013
Standards	IEC 60079-0, IEC 60079-7, IEC 60079-11, IEC 60079-26, IEC 60079-31, EN 60079-0, EN 60079-7, EN 60079-11, EN 60079-26, EN 60079-31
Ambient temperature	Tamb -40°C...+55°C
Type label material	Polyester coated with aluminium
Protection class	IP66, NEMA 4, NEMA 4x
Assembly	
Modular terminal blocks	1x22
Rated cross-section	4 mm²
Rated voltage	60 V
Rated current	1.00 A
Drill holes side A	None
Drill holes side B	2 x M16, 3 x M20, 1 x BDx
Technical data, enclosure	
Material thickness	1.5 mm
Material thickness of flange	3 mm
Gland plates	Bottom
Seal material	Silicone
Enclosure attachment	4 welded-on mounting feet with 11 mm hole size
Mounting dimension - height / width	152 mm / 178 mm
Lid attachment	4 hinges and M6 hex-head slotted screws SW10
Access opening: height / Access opening: width	176 mm / 93 mm
Earth, enclosure, external	Continuous M10 earth stud in body enclosure
Earth, enclosure, internal	Welded-on M6 stainless-steel earth stud in enclosure body and lid.

Note



Accessories

Mounting plates and fastening screws	Order No.
Stainless steel 1.4301	1193810000
Fastening screws for mounting plates	0642600000
Gland plate 3 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1280890000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256270000
Mounting screw, stainless steel 1.4404	1253230000
Rain hoods	
Stainless steel 1.4301, mirror-polished	1281360000
Label holder	
70 x 70 angled stainless steel 1.4301	1279320000
Earthing stud	
Stainless steel 1.4404, M10	1192690000
Compensation elements	
M20, brass	1292540000
M20, stainless steel 1.4404 (316L)	1292530000
Cable glands	
Nickel-plated brass, Ex e, M16, 3-12 mm	1460040000
Nickel-plated brass, Ex e, M20, 3-12 mm	1460050000
Blanking plugs	
Stainless steel 1.4404 (316L), Ex e, M16	1477820000
Stainless steel 1.4404 (316L), Ex e, M20	1477840000
Locknuts	
Nickel-plated brass, M16	1736990000
Nickel-plated brass, M20	1737000000
Grounding strap	
green-yellow, 6 mm² for M6 bolt	2475490000
Note	

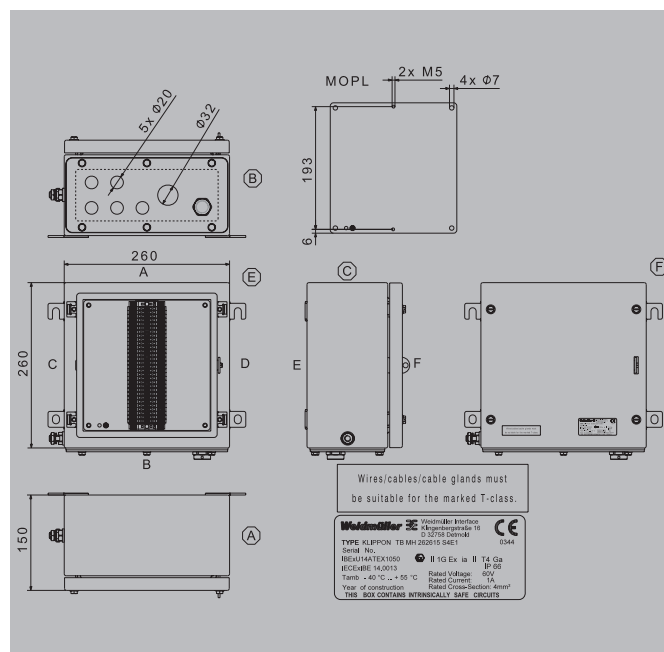
Reference products

	Order No.
KTB MH 221513 S4E1	1194560000
WDU 4 BL	1020180000

Note

Klippon® TB MH 262615 Ex ia Terminal Box

Depth 150 mm



Height / Width / Depth 260 / 260 / 150 mm

Ordering data

	Order No.
KTB MH 262615 Exia	8000028399

Note

Technical data

Article - short description	Klippon® Klippon TB MH (Terminal Box - Multi Hinge)- Enclosure systems, Terminal Box
Marking [assembled enclosure]	Ex ia IIC T4 Ga
Certificate no. assembled enclosure (ATEX)	IBExU14ATEX1050
Certificate no. assembled enclosure (IECEx)	IECEx IBE 14.0013
Standards	IEC 60079-0, IEC 60079-7, IEC 60079-11, IEC 60079-26, IEC 60079-31, EN 60079-0, EN 60079-7, EN 60079-11, EN 60079-26, EN 60079-31
Ambient temperature	Tamb -40°C...+55°C
Type label material	Polyester coated with aluminium
Protection class	IP66, NEMA 4, NEMA 4x
Assembly	
Modular terminal blocks	1x30
Rated cross-section	4 mm²
Rated voltage	60 V
Rated current	1.00 A
Drill holes side A	None
Drill holes side B	5 x M20, 1 x M32, 1 x BDx
Technical data, enclosure	
Material thickness	1.5 mm
Material thickness of flange	3 mm
Gland plates	Bottom
Seal material	Silicone
Enclosure attachment	4 welded-on mounting feet with 11 mm hole size
Mounting dimension - height / width	170 mm / 286 mm
Lid attachment	4 hinges and M6 hex-head slotted screws SW10
Access opening: height / Access opening: width	207 mm / 201 mm
Earth, enclosure, external	Continuous M10 earth stud in body enclosure
Earth, enclosure, internal	Welded-on M6 stainless-steel earth stud in enclosure body and lid.

Note

Accessories

Mounting plates and fastening screws	Order No.
Stainless steel 1.4301	1193820000
Fastening screws for mounting plates	0642600000
Gland plate 3 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1280910000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256290000
Mounting screw, stainless steel 1.4404	1253230000
Label holder	
100x25 stainless steel 1.4301	1257640000
130x50 stainless steel 1.4301	1283450000
70 x 70 angled stainless steel 1.4301	1279320000
Earthing stud	
Stainless steel 1.4404, M10	1192690000
Document holder	
For DIN A6 size documents	1252780000
Compensation elements	
M20, brass	1292540000
M20, stainless steel 1.4404 (316L)	1292530000
Cable glands	
Nickel-plated brass, Ex e, M20, 3-12 mm	1460050000
Nickel-plated brass, Ex e, M32, 14-24 mm	1460080000
Blanking plugs	
Stainless steel 1.4404 (316L), Ex e, M20	1477840000
Stainless steel 1.4404 (316L), Ex e, M32	1477890000
Locknuts	
Nickel-plated brass, M20	1737000000
Nickel-plated brass, M32	1737020000
Grounding strap	
green-yellow, 6 mm² for M6 bolt	2475490000

Note

Reference products

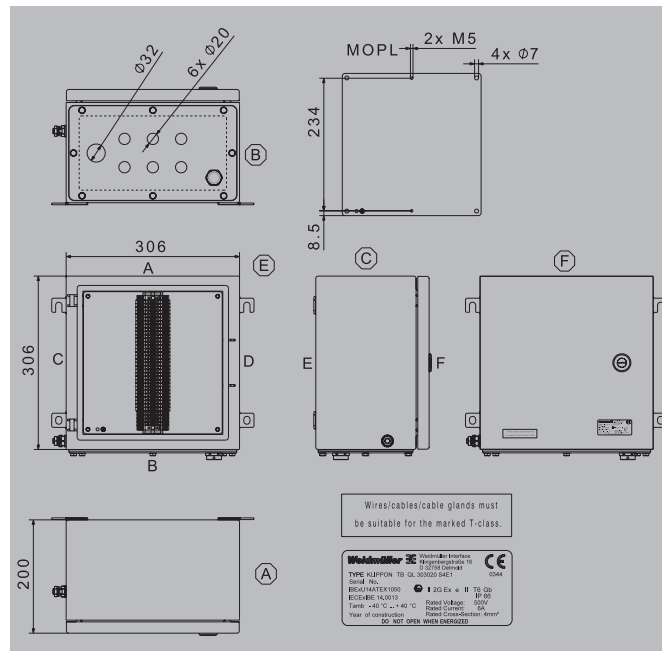
	Order No.
KTB MH 262615 S4E1	1194610000
WDU 4 BL	1020180000

Note

Klippon® Protect – Terminal Boxes

Klippon® TB QL 303020 Ex e Terminal Box

Depth 200 mm



Height / Width / Depth 306 / 306 / 200 mm

Ordering data

	Order No.
KTB QL 303020 Ex e	8000028400
Note	

Technical data

Article - short description	Klippon® Klippon TB QL (Terminal Box - Quarter Lock)- Enclosure systems, Terminal Box
Marking [assembled enclosure]	Ex e IIC T6 Gb
Certificate no. assembled enclosure (ATEX)	IBExU14ATEX1050
Certificate no. assembled enclosure (IECEX)	IECEX IBE 14.0013
Standards	IEC 60079-0, IEC 60079-7, IEC 60079-31, EN 60079-0, EN 60079-7, EN 60079-31
Ambient temperature	Tamb -40°C...+40°C
Type label material	Polyester coated with aluminium
Protection class	IP66, NEMA 4, NEMA 4x
Assembly	
Modular terminal blocks	1x32, 4 x PE
Rated cross-section	4 mm²
Rated voltage	550 V
Rated current	6.00 A
Drill holes side A	None
Drill holes side B	6 x M20, 1 x M32, 1 x BDx
Technical data, enclosure	
Material thickness	1.5 mm
Material thickness of flange	3 mm
Gland plates	Bottom
Seal material	Silicone
Enclosure attachment	4 welded-on mounting feet with 11 mm hole size
Mounting dimension - height / width	203 mm / 332 mm
Lid attachment	Quarter-turn fastener with slotted insert
Access opening: height / Access opening: width	253 mm / 247 mm
Earth, enclosure, external	Continuous M10 earth stud in body enclosure
Earth, enclosure, internal	Welded-on M6 stainless-steel earth stud in enclosure body and lid.

Note

Accessories

Mounting plates and fastening screws	Order No.
Stainless steel 1.4301	1193830000
Fastening screws for mounting plates	0642600000
Gland plate 3 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1280970000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256360000
Mounting screw, stainless steel 1.4404	1253230000
Label holder	
100x25 stainless steel 1.4301	1257640000
130x50 stainless steel 1.4301	1283450000
70 x 70 angled stainless steel 1.4301	1279320000
Document holder	
For DIN A6 size documents	1252780000
Earthing stud	
Stainless steel 1.4404, M10	1192690000
Compensation elements	
M20, brass	1292540000
M20, stainless steel 1.4404 (316L)	1292530000
Cable glands	
Nickel-plated brass, Ex e, M20, 3-12 mm	1460050000
Nickel-plated brass, Ex e, M32, 14-24 mm	1460080000
Blanking plugs	
Stainless steel 1.4404 (316L), Ex e, M20	1477840000
Stainless steel 1.4404 (316L), Ex e, M32	1477890000
Locknuts	
Nickel-plated brass, M20	1737000000
Nickel-plated brass, M32	1737020000
Grounding strap	
green-yellow, 6 mm² for M6 bolt	2475490000
Note	

Reference products

	Order No.
KTB QL 303020 S4E1	1200070000
WDU 4	1020100000
WPE 4	1010100000

Note

Klippon® TB QL 484820 Ex e Terminal Box

Depth 200 mm



Height / Width / Depth 480 / 480 / 200 mm

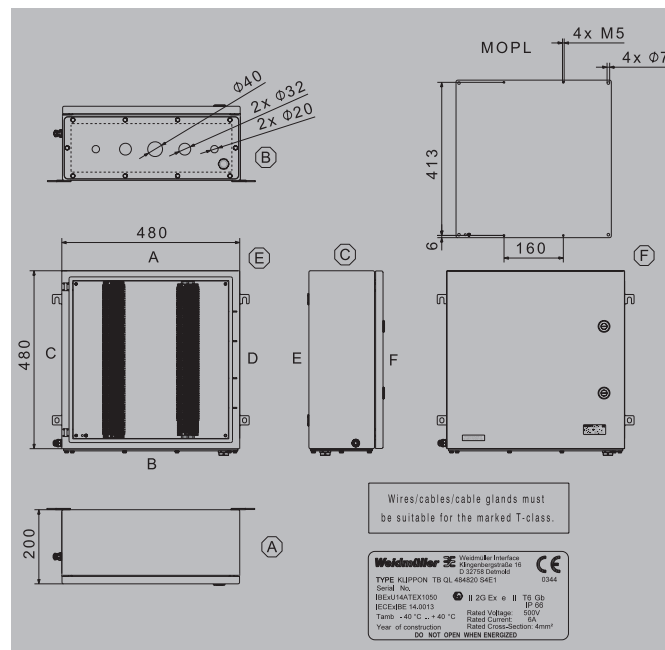
Ordering data

	Order No.
KTBL QL 484820 Exe	8000028401
Note	

Technical data

Article - short description	Klippon® Klippon TB QL (Terminal Box - Quarter Lock)- Enclosure systems, Terminal Box
Marking [assembled enclosure]	Ex e IIC T6 Gb
Certificate no. assembled enclosure (ATEX)	IBExU14ATEX1050
Certificate no. assembled enclosure (IECEx)	IECEx IBE 14.0013
Standards	IEC 60079-0, IEC 60079-7, IEC 60079-31, EN 60079-0, EN 60079-7, EN 60079-31
Ambient temperature	Tamb -40°C...+40°C
Type label material	Polyester coated with aluminium
Protection class	IP66, NEMA 4, NEMA 4x
Assembly	
Modular terminal blocks	1x66, 1x59, 5 x PE
Rated cross-section	4 mm²
Rated voltage	550 V
Rated current	6.00 A
Drill holes side A	None
Drill holes side B	2 x M20, 2 x M25, 1 x M40
Technical data, enclosure	
Material thickness	1.5 mm
Material thickness of flange	3 mm
Gland plates	Bottom
Seal material	Silicone
Enclosure attachment	4 welded-on mounting feet with 11 mm hole size
Mounting dimension - height / width	327 mm / 506 mm
Lid attachment	Quarter-turn fastener with slotted insert
Access opening: height / Access opening: width	427 mm / 421 mm
Earth, enclosure, external	Continuous M10 earth stud in body enclosure
Earth, enclosure, internal	Welded-on M6 stainless-steel earth stud in enclosure body and lid.

Note



Accessories

Mounting plates and fastening screws	Order No.
Stainless steel 1.4301	1193870000
Fastening screws for mounting plates	0642600000
Gland plate 3 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1281130000
Gland plates and screws - 6 mm	
Top and bottom sides (A & B), electropolished stainless steel 1.4404	1256550000
Mounting screw, stainless steel 1.4404	1253230000
Label holder	
100x25 stainless steel 1.4301	1257640000
130x50 stainless steel 1.4301	1283450000
70 x 70 angled stainless steel 1.4301	1279320000
Document holder	
For DIN A6 size documents	1252780000
For DIN A4 size documents	1252730000
Earthing stud	
Stainless steel 1.4404, M10	1192690000
Compensation elements	
M20, brass	1292540000
M20, stainless steel 1.4404 (316L)	1292530000
Cable glands	
Nickel-plated brass, Ex e, M20, 3-12 mm	1460050000
Nickel-plated brass, Ex e, M25, 10-18 mm	1460070000
Nickel-plated brass, Ex e, M40, 22-32 mm	1460090000
Blanking plugs	
Stainless steel 1.4404 (316L), Ex e, M20	1477840000
Stainless steel 1.4404 (316L), Ex e, M25	1477870000
Stainless steel 1.4404 (316L), Ex e, M40	1477910000
Locknuts	
Nickel-plated brass, M20	1737000000
Nickel-plated brass, M25	1737010000
Nickel-plated brass, M40	1737030000
Grounding strap	
green-yellow, 6 mm² for M6 bolt	2475490000
Note	

Reference products

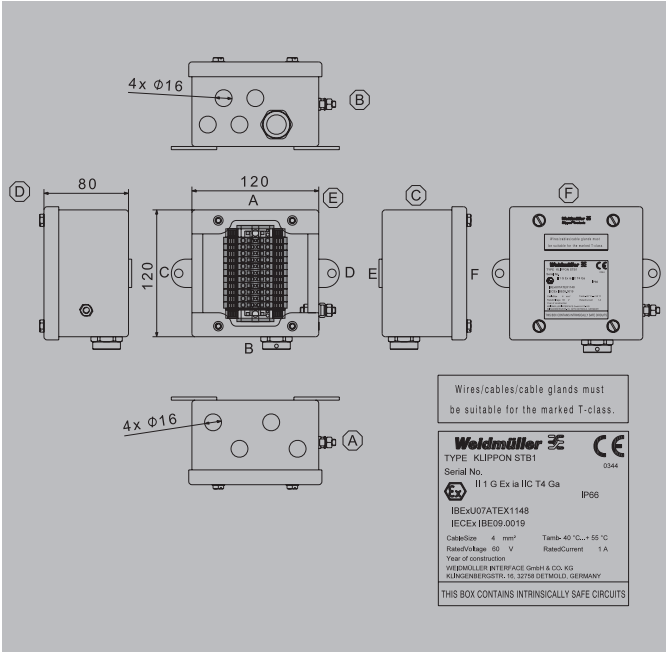
	Order No.
KTBL QL 484820 S4E1	1200510000
WDU 4	1020100000
WPE 4	1010100000

Note

Klippon® Protect – Terminal Boxes

Klippon® STB 1 Ex ia Terminal Box

Depth 80 mm



Height / Width / Depth 120 / 120 / 80 mm

Ordering data

	Order No.
STB 1 Ex ia	8000028394
Note	

Technical data

Article - short description	Klippon® Klippon STB (Small Terminal Box)-Enclosure systems, Terminal Box
Marking [assembled enclosure]	Ex ia IIC T4 Ga
Certificate no. assembled enclosure (ATEX)	IBExU 07ATEX1148
Certificate no. assembled enclosure (IECEx)	IECEx IBE09.0019
Standards	IEC 60079-0, IEC 60079-7, IEC 60079-11, IEC 60079-31, EN 60079-0, EN 60079-7, EN 60079-11, EN 60079-31
Ambient temperature	Tamb -40°C...+55°C
Type label material	Polyester coated with aluminium
Protection class	IP66, NEMA 4, NEMA 4x
Assembly	
Modular terminal blocks	1x11
Rated cross-section	4 mm²
Rated voltage	60 V
Rated current	1.00 A
Drill holes side A	4 x M16
Drill holes side B	4 x M16, 1 x BDx
Technical data, enclosure	
Material thickness	1.5 mm
Seal material	Silicone
Enclosure attachment	Welded-on mounting foot with 8-mm holes
Mounting dimension - height / width	60 mm / 145 mm
Lid attachment	M5 hex-head slotted screws SW10
Access opening: width / Access opening: height	100 mm / 99.4 mm
Earth, enclosure, external	Welded-on M6 x 16 stainless-steel bolts
Earth, enclosure, internal	Welded-on M6 x 16 stainless-steel bolts

Note

Accessories

Compensation elements	Order No.
M20, brass	1292540000
M20, stainless steel 1.4404 (316L)	1292530000
Cable glands	
Nickel-plated brass, Ex e, M16, 3-12 mm	1460040000
Blanking plugs	
Stainless steel 1.4404 (316L), Ex e, M16	1477820000
Locknuts	
Nickel-plated brass, M16	1736990000
Grounding strap	
green-yellow, 6 mm² for M6 bolt	2475490000
Note	

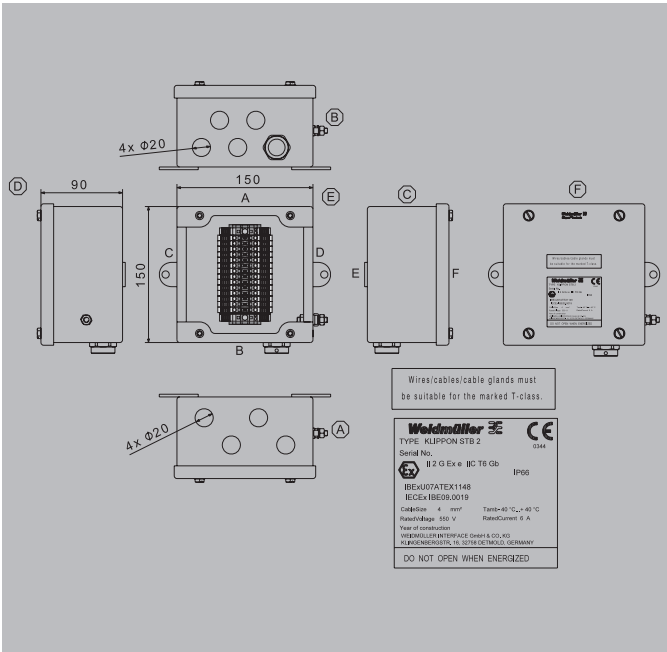
Reference products

	Order No.
KLIPPON STB 1 SS	1002690000
WDU 4 BL	1020180000

Note

Klippon® STB 2 Ex e Terminal Box

Depth 90 mm



Height / Width / Depth 150 / 150 / 90 mm

Ordering data

	Order No.
STB 2 Ex e	8000028395
Note	

Technical data

Article - short description	Klippon® Klippon STB (Small Terminal Box)-Enclosure systems, Terminal Box
Marking [assembled enclosure]	Ex e IIC T6 Gb
Certificate no. assembled enclosure (ATEX)	IBExU 07ATEX1148
Certificate no. assembled enclosure (IECEX)	IECEX IBE09.0019
Standards	IEC 60079-0, IEC 60079-7, IEC 60079-11, IEC 60079-31, EN 60079-0, EN 60079-7, EN 60079-11, EN 60079-31
Ambient temperature	Tamb -40°C...+40°C
Type label material	Polyester coated with aluminium
Protection class	IP66, NEMA 4, NEMA 4x
Assembly	
Modular terminal blocks	1x14
Rated cross-section	4 mm²
Rated voltage	550 V
Rated current	6.00 A
Drill holes side A	4 x M20
Drill holes side B	4 x M20, 1 x BDX
Technical data, enclosure	
Material thickness	1.5 mm
Seal material	Silicone
Enclosure attachment	Welded-on mounting foot with 8-mm holes
Mounting dimension - height / width	75 mm / 175 mm
Lid attachment	M5 hex-head slotted screws SW10
Access opening: width / Access opening: height	130 mm / 130 mm
Earth, enclosure, external	Welded-on M6 x 16 stainless-steel bolts
Earth, enclosure, internal	Welded-on M6 x 16 stainless-steel bolts

Note

Accessories

Compensation elements	Order No.
M20, brass	1292540000
M20, stainless steel 1.4404 (316L)	1292530000
Cable glands	
Nickel-plated brass, Ex e, M20, 3-12 mm	1460050000
Blanking plugs	
Stainless steel 1.4404 (316L), Ex e, M20	1477840000
Locknuts	
Plastic, M20	1736930000
Nickel-plated brass, M20	1737000000
Grounding strap	
green-yellow, 6 mm² for M6 bolt	2475490000
Note	

Reference products

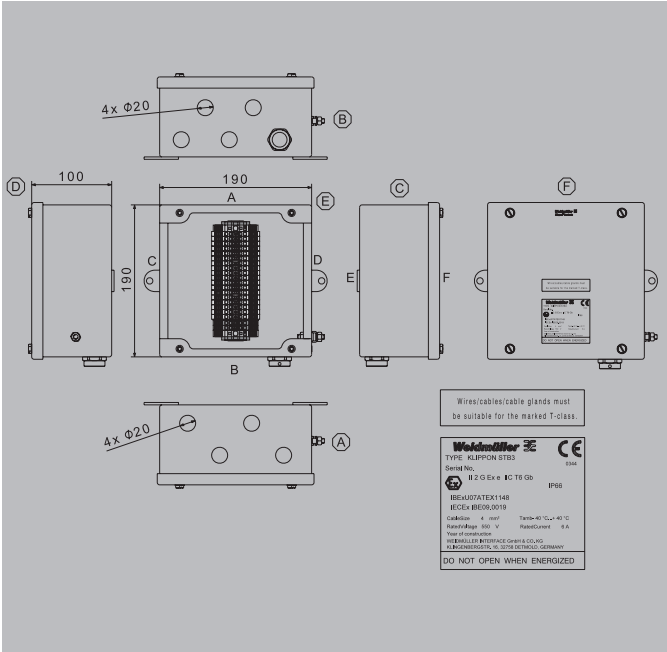
	Order No.
KLIPPON STB 2 SS	1002740000
WDU 4	1020100000

Note

Klippon® Protect – Terminal Boxes

Klippon® STB 3 Ex e Terminal Box

Depth100 mm



Height / Width / Depth190 / 190 / 100 mm

Ordering data

	Order No.
STB 3 Ex e	8000028396
Note	

Technical data

Article - short description	Klippon® Klippon STB (Small Terminal Box)-Enclosure systems, Terminal Box
Marking [assembled enclosure]	Ex e IIC T6 Gb
Certificate no. assembled enclosure (ATEX)	IBExU 07ATEX1148
Certificate no. assembled enclosure (IECEX)	IECEX IBE09.0019
Standards	IEC 60079-0, IEC 60079-7, IEC 60079-11, IEC 60079-31, EN 60079-0, EN 60079-7, EN 60079-11, EN 60079-31
Ambient temperature	Tamb -40°C...+40°C
Type label material	Polyester coated with aluminium
Protection class	IP66, NEMA 4, NEMA 4x
Assembly	
Modular terminal blocks	1x18, 2 x PE
Rated cross-section	4 mm²
Rated voltage	550 V
Rated current	6.00 A
Drill holes side A	4 x M20
Drill holes side B	4 x M20, 1 x BDX
Technical data, enclosure	
Material thickness	1.5 mm
Seal material	Silicone
Enclosure attachment	Welded-on mounting foot with 8-mm holes
Mounting dimension - height / width	95 mm / 215 mm
Lid attachment	M5 hex-head slotted screws SW10
Access opening: width / Access opening: height	170 mm / 170 mm
Earth, enclosure, external	Welded-on M6 x 16 stainless-steel bolts
Earth, enclosure, internal	Welded-on M6 x 16 stainless-steel bolts

Note

Accessories

Compensation elements	Order No.
M20, brass	1292540000
M20, stainless steel 1.4404 (316L)	1292530000
Cable glands	
Nickel-plated brass, Ex e, M20, 3-12 mm	1460050000
Blanking plugs	
Stainless steel 1.4404 (316L), Ex e, M20	1477840000
Locknuts	
Plastic, M20	1736930000
Nickel-plated brass, M20	1737000000
Grounding strap	
green-yellow, 6 mm² for M6 bolt	2475490000
Note	

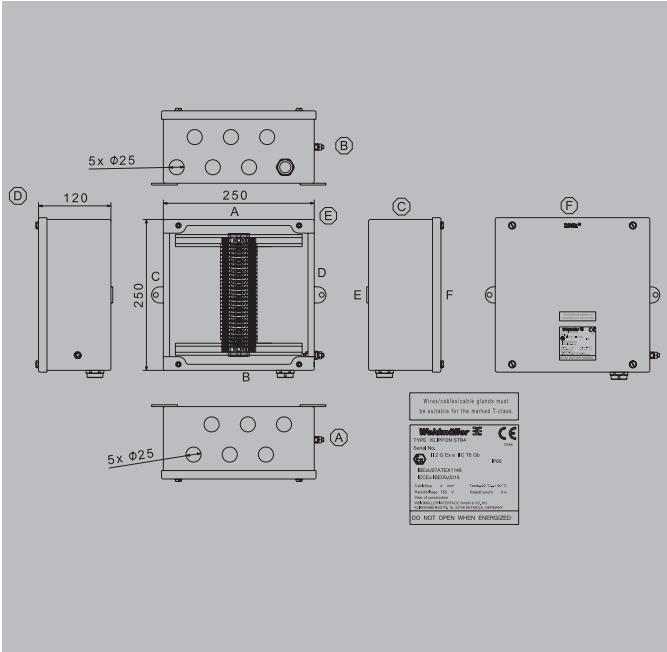
Reference products

	Order No.
KLIPPON STB 3 SS	1002720000
WDU 4	1020100000
WPE 4	1010100000

Note

Klippon® STB 4 Ex e Terminal Box

Depth 120 mm



Height / Width / Depth	250 / 250 / 120 mm
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Ordering data

	Order No.
STB 4 Ex e	8000028397
Note	

Technical data

Article - short description	Klippon® Klippon STB (Small Terminal Box)-Enclosure systems, Terminal Box
Marking [assembled enclosure]	Ex e IIC T6 Gb
Certificate no. assembled enclosure (ATEX)	IBExU 07ATEX1148
Certificate no. assembled enclosure (IECEx)	IECEx IBE09.0019
Standards	IEC 60079-0, IEC 60079-7, IEC 60079-11, IEC 60079-31, EN 60079-0, EN 60079-7, EN 60079-11, EN 60079-31
Ambient temperature	Tamb -40°C...+40°C
Type label material	Polyester coated with aluminium
Protection class	IP66, NEMA 4, NEMA 4x
Assembly	
Modular terminal blocks	1x26, 2 x PE
Rated cross-section	4 mm²
Rated voltage	550 V
Rated current	6.00 A
Drill holes side A	6 x M25
Drill holes side B	6 x M25, 1 x BDX
Technical data, enclosure	
Material thickness	1.5 mm
Seal material	Silicone
Enclosure attachment	Welded-on mounting foot with 8-mm holes
Mounting dimension - height / width	125 mm / 275 mm
Lid attachment	M5 hex-head slotted screws SW10
Access opening: width / Access opening: height	230 mm / 230 mm
Earth, enclosure, external	Welded-on M6 x 16 stainless-steel bolts
Earth, enclosure, internal	Welded-on M6 x 16 stainless-steel bolts

Note

Accessories

Compensation elements	Order No.
M20, brass	1292540000
M20, stainless steel 1.4404 (316L)	1292530000
Cable glands	
Nickel-plated brass, Ex e, M25, 10-18 mm	1460070000
Blanking plugs	
Stainless steel 1.4404 (316L), Ex e, M25	1477870000
Locknuts	
Plastic, M25	1736940000
Nickel-plated brass, M25	1737010000
Grounding strap	
green-yellow, 6 mm² for M6 bolt	2475490000
Note	

Reference products

	Order No.
KLIPPON STB 4 SS	1002710000
WDU 4	1020100000
WPE 4	1010100000

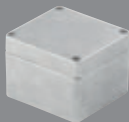
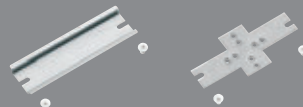
Note

Klippon® Protect – Terminal Boxes – Product overview: Aluminium enclosure

Use the product overview to find the right solution for you! Combine your own industrial version consisting of an enclosure, with or without threaded holes, a suitable mounting rail or pre-fitted terminal strips. The compatible components are always shown in a row.

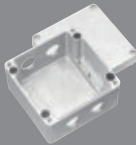
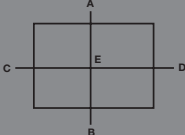
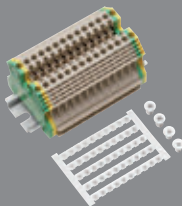
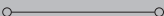
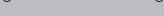
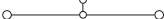
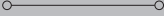
Klippon® Protect offers you approved enclosures for use in explosive risk areas. You can find these in the last column. They come with threaded holes and are already equipped with a terminal strip.

Aluminium enclosure, uncoated

												
Empty enclosure without threaded holes				Mounting rail (TS) Mounting plate (MOPL)								
Dimensions of the enclosure height x width x depth in mm	Enclosure type	Order No.	Qty.	Type	Length in mm	Rail mounting slot dimensions in mm	Order No.	Qty.				
Aluminium, uncoated												
64 x 58 x 34 	Klippon® K01	1565240000	10	-	-	-	-	-				
70 x 70 x 45 	Klippon® K1	0342000000	10	TS15	60	4.5 x 20	1909980000	1				
80 x 75 x 57 	Klippon® K11	0573300000	10	TS15	64	4.5 x 20	1909990000	1				
70 x 100 x 45 	Klippon® K2	0342100000	10	TS15	90	4.5 x 20	1910010000	1				
80 x 125 x 57 	Klippon® K21	0573400000	5	TS15	114	4.5 x 20	1910020000	1				
70 x 165 x 45 	Klippon® K3	0342200000	5	TS15 MOPL	155 154	4.5 x 20 4.2 x 14	1910030000 8000004497	1 1				
80 x 175 x 57 	Klippon® K31	0573500000	5	TS15	164	4.5 x 20	1910040000	1				
82 x 130 x 72 	Klippon® K4	0342300000	1	TS35	64	5.5 x 20	1910060000	1				
120 x 122 x 81 	Klippon® K41	1565270000	1	TS35	105	6.3 x 20	1910070000	1				
130 x 170 x 90 	Klippon® K5	0342400000	1	TS35	148	5.5 x 20	1910080000	1				
160 x 160 x 91 	Klippon® K52	1565290000	1	TS35	140	6.3 x 20	1910100000	1				
		protection class IP 66		suitable for the enclosures of the respective line								

¹⁾ Multi-pole terminal strip (terminal block BK 4, BK 6 or BK 12), mounted on mounting plate

²⁾ Space for further threaded holes up to M40

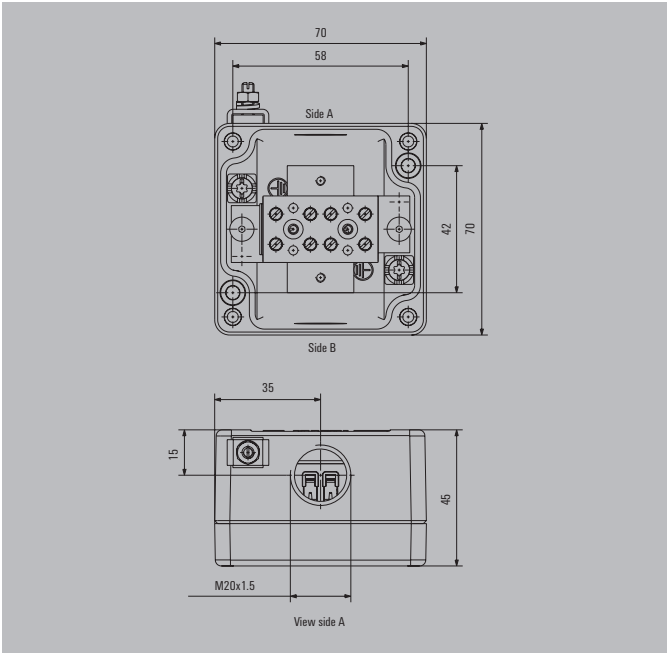
  Empty enclosure with threaded holes				 Terminal strip							 Ex protected Terminal Boxes		
Threaded hole Side A	Threaded hole Side B	Order No.	Qty.	Connection technology		Cross- section mm²	Number of DU*	Number of PE*	Order No.	Qty.	Order No.		
1x M16	1x M16	8000004184	1	Screw connection		4	4	0	7906080000	100	–		
1x M16	2x M16	8000004147	1	Screw connection		4	4	0	8000004129 ¹⁾	1	8000004202		
1x M20	1x M20	8000004148	1								8000004203		
2x M16	2x M16	8000004149	1								8000004207		
2x M20	2x M20	8000004150	1	Tension clamp connection		2.5	5	1	8000004130	1	8000004208		
2x M16	2x M16			Tension clamp connection		2.5	5	1			8000004204		
2x M20	2x M20			Screw connection		4	5	2			8000004209		
2x M20	2x M20	8000004151	1	Screw connection		4	6	0	8000004132 ¹⁾	1	8000004210		
3x M16	3x M16	8000004152	1	Screw connection		4	13	2	8000004134	1	8000004212		
3x M16	3x M16			Tension clamp connection		2.5	14	2	8000004133	1	8000004211		
4x M20	4x M20	8000004153	1	Screw connection		4	12	0	8000004135 ¹⁾	1	8000004213		
4x M20	4x M20	8000004154	1	Screw connection		4	21	2	8000004137	1			
4x M20	4x M20			Tension clamp connection		2.5	24	2	8000004136	1	8000004214		
2x M20	2x M20	8000004155	1	Screw connection		4	5	2	8000004138	1			
2x M20	2x M20			Tension clamp connection		4	4	1	8000004139	1			
2x M25	2x M25	8000003446	1	Screw connection		4	12	2	8000003444	1	8000003589		
3x M20	3x M20	8000003447	1										
2x M25	2x M25												
3x M20	3x M20										8000003591		
4x M20	4x M20	8000004158	1	Screw connection		4	17	2	8000004140	1	8000004218		
4x M20	4x M20			Tension clamp connection		4	15	2		1	8000004219		
4x M20	4x M20		1	Screw connection		4	16	2	8000004142	1	8000004220		
4x M20	4x M20			Tension clamp connection		2.5	19	2	8000004143	1	8000004221		
				suitable for the enclosure of the respective line *DU = feed-through terminals, PE = PE terminals							Ex-enclosure with threaded holes and terminal strip according to the respective line		

Klippon® K1

45 mm



Height / Width / Depth 70 / 70 / 45 mm



Empty enclosure with tapped holes

	Drill holes side A	Drill holes side B	Order No.
	1 x M16x1.5	2 x M16x1.5	8000004147
	1 x M20x1.5	1 x M20x1.5	8000004148

Note

Terminal block, suitable for empty enclosure

	Type	Type of connection	Conductor can be clamped	Rated cross-section	No. of DU*	No. of PE*	Order No.
	BK 4/E	Screw connection	Solid / stranded	0.5...4 mm ² / 1.5...4 mm ²	4	0	8000004129
			Flexible / flexible with wire-end ferrule	0.5...4 mm ² / 0.5...4 mm ²			

Note

Supplied with mounting screws.
*DU = feed-through terminals, PE = PE terminals

Distribution box with ATEX II 2GD T85°C Ex e II T6

Drill holes side A	Drill holes side B	No. of DU*	No. of PE*	Order No.
1 x M16x1.5	2 x M16x1.5	4	0	8000004202
1 x M20x1.5	1 x M20x1.5	4	0	8000004203



Note

All enclosures are equipped with an external earth stud connection.
*DU = feed-through terminals, PE = PE terminals

Accessories

Cable glands	Order No.
 VG M16 EXE 5-8 SI 7J	2017380000
VG M16 EXE 6-10 SI 7J	2017390000
VG M20 EXE 7-13 SI 7J	2017500000
VG M20 EXE 11-14 SI 7J	2017510000
VG M16 EXE MS	1460040000
VG M20 EXE MS	1460050000

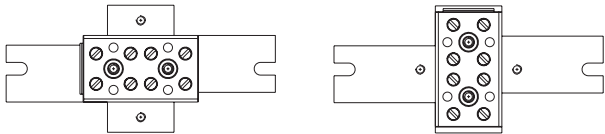
Stopping plugs	Order No.
 VP M16 EX SI 7J	2066720000
VP M16-EXE MS	1737140000
VP M20 EX SI 7J	2066730000
VP M20-EXE MS	1737150000

Adapters	Order No.
 ADAP EX M20-M16	1737560000

Note

Terminal rail / mounting plate set

Product type	Type	Length	Order No.
 Mounting rail	TS15 60 Klippon K1 CSS	60 mm	1909980000



Note

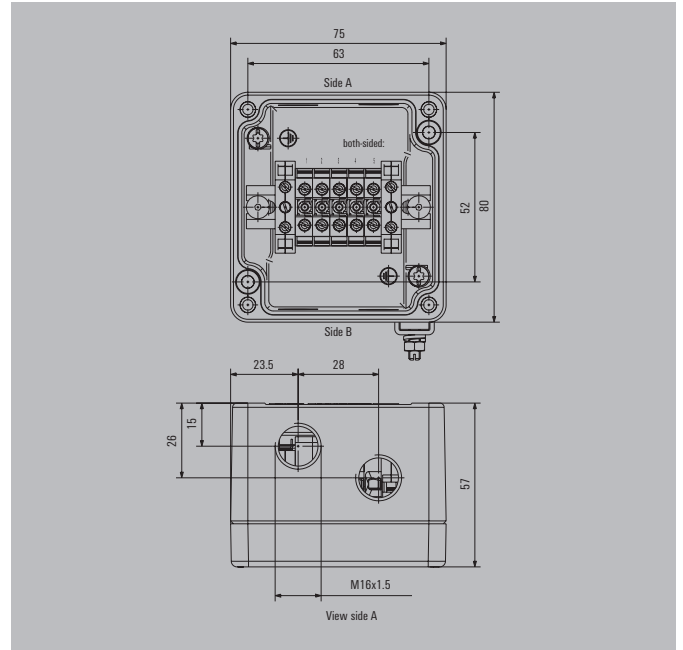
Klippon® K11

57 mm



Height / Width / Depth

80 / 75 / 57 mm



Empty enclosure with tapped holes

	Drill holes side A	Drill holes side B	Order No.
	2 x M16x1.5	2 x M16x1.5	8000004149
	2 x M20x1.5	2 x M20x1.5	8000004150

Note

Terminal block, suitable for empty enclosure

	Type	Type of connection	Conductor can be clamped	Rated cross-section	No. of DU*	No. of PE*	Order No.
	ZDUA 2.5-2	Tension clamp connection	Two connections	0.5...4 mm² / ... 0.5...2.5 mm² / 0.5...1.5 mm²	5	1	8000004130

Note

Markers numbered 1-50 (horizontal text) and mounting screws are included in the delivery.
*DU = feed-through terminals, PE = PE terminals

Distribution box with ATEX II 2GD T85°C Ex e II T6

Drill holes side A	Drill holes side B	No. of DU*	No. of PE*	Order No.
2 x M16x1.5	2 x M16x1.5	5	2	8000004207
2 x M16x1.5	2 x M16x1.5	5	1	8000004204
2 x M20x1.5	2 x M20x1.5	5	2	8000004209
2 x M20x1.5	2 x M20x1.5	5	1	8000004208



Note

All enclosures are equipped with an external earth stud connection.
*DU = feed-through terminals, PE = PE terminals

Accessories

Cable glands	Order No.
	VG M16 EXE 5-8 SI 7J 2017380000
	VG M16 EXE 6-10 SI 7J 2017390000
	VG M20 EXE 7-13 SI 7J 2017500000
	VG M20 EXE 11-14 SI 7J 2017510000
	VG M16 EXE MS 1460040000
	VG M20 EXE MS 1460050000

Stopping plugs

	VP M16 EX SI 7J 2066720000
	VP M16-EXE MS 1737140000
	VP M20 EX SI 7J 2066730000
	VP M20-EXE MS 1737150000

Adapters

	ADAP EX M20-M16 1737560000
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Note

DIN rail / mounting plate set

Product type	Type	Length	Order No.
	Mounting rail TS15 64 Klippon K11	64 mm	1909990000

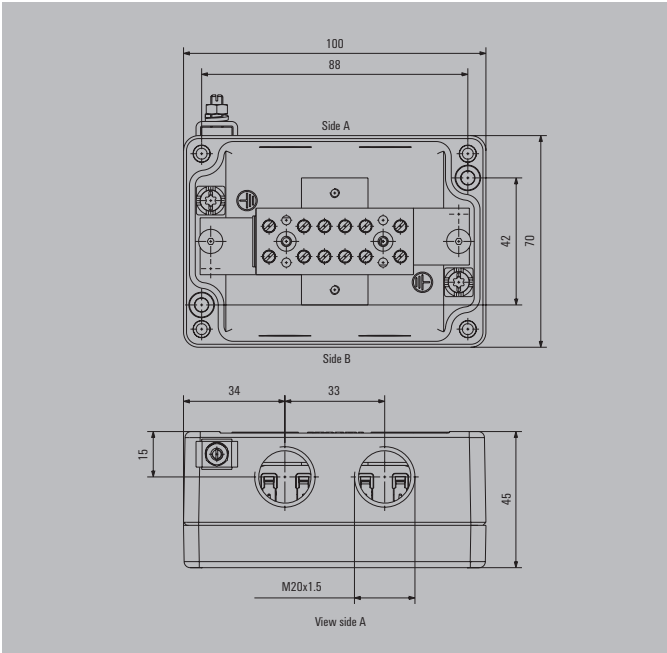
Note

Klippon® K2

45 mm



Height / Width / Depth 70 / 100 / 45 mm



Empty enclosure with tapped holes

Drill holes side A	Drill holes side B	Order No.
2 x M20x1.5	2 x M20x1.5	8000004151

Note

Terminal block, suitable for empty enclosure

Type	Type of connection	Conductor can be clamped	Rated cross-section	No. of DU*	No. of PE*	Order No.
BK 6/E	Screw connection	Solid / stranded	0.5...4 mm ² / 1.5...4 mm ²	6	0	8000004132
		Flexible / flexible with wire-end ferrule	0.5...4 mm ² / 0.5...4 mm ²			

Note Supplied with mounting screws.
*DU = feed-through terminals, PE = PE terminals

Distribution box with ATEX II 2GD T85°C Ex e II T6

Drill holes side A	Drill holes side B	No. of DU*	No. of PE*	Order No.
2 x M20x1.5	2 x M20x1.5	6	0	8000004210

Note All enclosures are equipped with an external earth stud connection.
*DU = feed-through terminals, PE = PE terminals

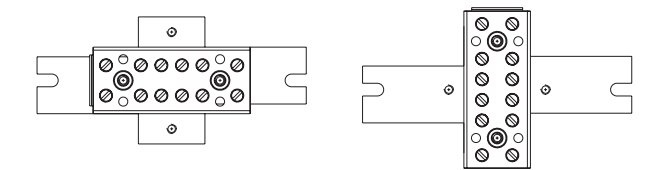
Accessories

Cable glands	Order No.
VG M20 EXE 7-13 SI 7J	2017500000
VG M20 EXE 11-14 SI 7J	2017510000
VG M20 EXE MS	1460050000
KSG M20 BN O NI 2 G20	1911560000
Stopping plugs	
VP M20 EX SI 7J	2066730000
VP M20-EXE MS	1737150000
Adapters	
ADAP EX M20-M16	1737560000

Note

Terminal rail / mounting plate set

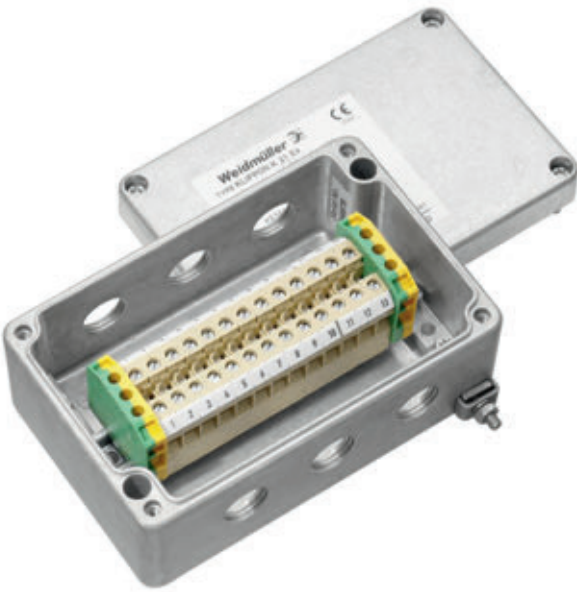
Product type	Type	Length	Order No.
Mounting rail	TS15 90 Klippon K2 CSS	90 mm	1910010000



Note

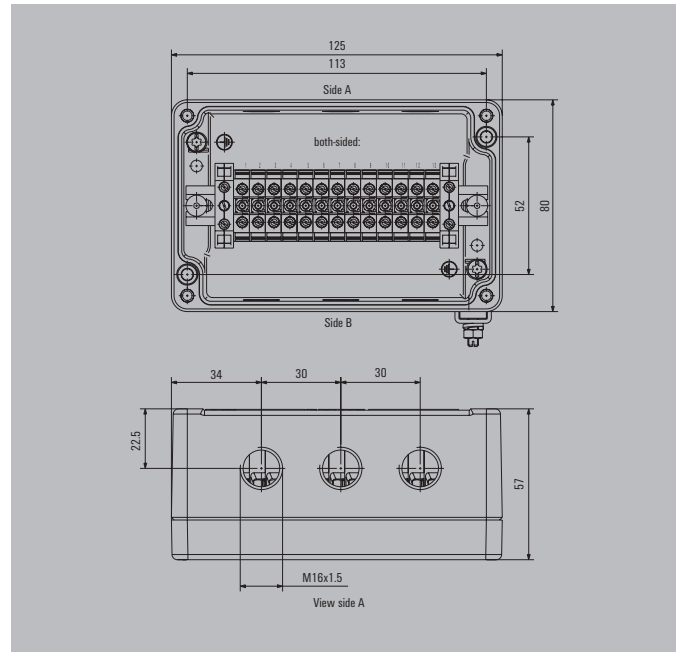
Klippon® K21

57 mm



Height / Width / Depth

80 / 125 / 57 mm



Accessories

Cable glands		Order No.
	VG M16 EXE 5-8 SI 7J	2017380000
	VG M16 EXE 6-10 SI 7J	2017390000
	VG M16 EXE MS	1460040000
Stopping plugs		Order No.
	VP M16 EX SI 7J	2066720000
	VP M16-EXE MS	1737140000

Empty enclosure with tapped holes

Drill holes side A	Drill holes side B	Order No.
3 x M16x1.5	3 x M16x1.5	8000004152



Note

Note

Terminal block, suitable for empty enclosure

Type	Type of connection	Conductor can be clamped	Rated cross-section	No. of DU*	No. of PE*	Order No.
	AKZ 4	Screw connection	Solid / stranded	13	2	8000004134
		Flexible / flexible with wire-end ferrule	0.5...4 mm² / 0.5...2.5 mm²			
ZDUA 2.5-2	Tension clamp connection	Two connections	0.5...4 mm² / ...	14	2	8000004133
			0.5...2.5 mm² / 0.5...1.5 mm²			

Note

Markers numbered 1-50 (horizontal text) and mounting screws are included in the delivery.
*DU = feed-through terminals, PE = PE terminals

Distribution box with ATEX II 2GD T85°C Ex e II T6

Drill holes side A	Drill holes side B	No. of DU*	No. of PE*	Order No.
3 x M16x1.5	3 x M16x1.5	13	2	8000004212
3 x M16x1.5	3 x M16x1.5	14	2	8000004211



Note

All enclosures are equipped with an external earth stud connection.
*DU = feed-through terminals, PE = PE terminals

Terminal rail / mounting plate set

Product type	Type	Length	Order No.
	Mounting rail	TS15 114 Klippon K21 CSS	114 mm
			1910020000

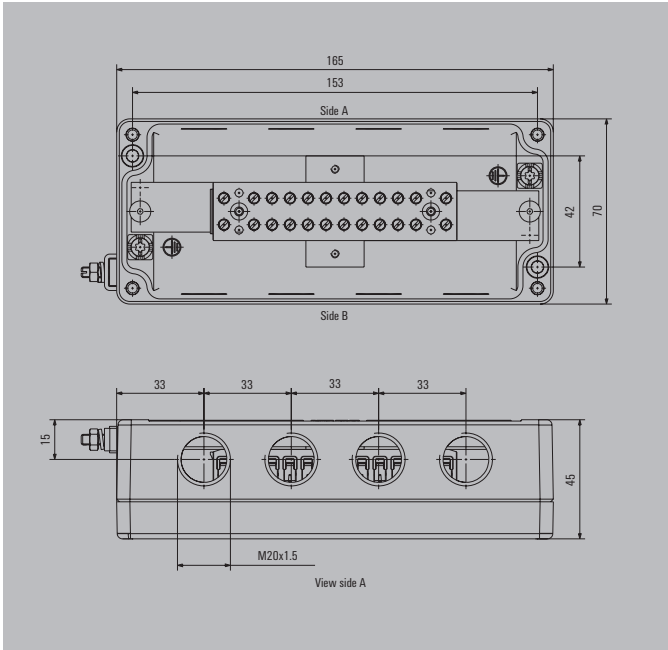
Note

Klippon® K3

45 mm



Height / Width / Depth 70 / 165 / 45 mm



Empty enclosure with tapped holes

Drill holes side A	Drill holes side B	Order No.
4 x M20x1.5	4 x M20x1.5	8000004153

Note

Terminal block, suitable for empty enclosure

Type	Type of connection	Conductor can be clamped	Rated cross-section	No. of DU*	No. of PE*	Order No.
BK 12/E	Screw connection	Solid / stranded	0.5...4 mm ² / 1.5...4 mm ²	12	0	8000004135
		Flexible / flexible with wire-end ferrule	0.5...4 mm ² / 0.5...4 mm ²			

Note

Supplied with mounting screws.
*DU = feed-through terminals, PE = PE terminals

Distribution box with ATEX II 2GD T85°C Ex e II T6

Drill holes side A	Drill holes side B	No. of DU*	No. of PE*	Order No.
4 x M20x1.5	4 x M20x1.5	12	0	8000004213

Note

All enclosures are equipped with an external earth stud connection.
*DU = feed-through terminals, PE = PE terminals

Accessories

Cable glands	Order No.
VG M20 EXE 7-13 SI 7J	2017500000
VG M20 EXE 11-14 SI 7J	2017510000
VG M20 EXE MS	1460050000
KSG M20 BN O NI 2 G20	1911560000
Stopping plugs	
VP M20 EX SI 7J	2066730000
VP M20-EXE MS	1737150000
Adapters	
ADAP EX M20-M16	1737560000

Note

Terminal rail / mounting plate set

Product type	Type	Length	Order No.
Mounting plate	MOPL K3 BKVARIO SET	154 mm	8000004497
Mounting rail	TS15 155 Klippon K3 CSS	155 mm	1910030000

Note

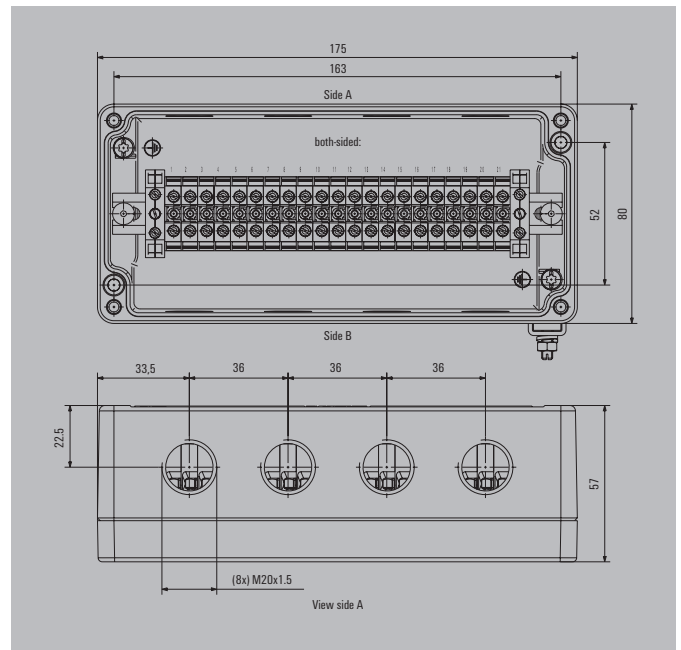
Klippon® K31

57 mm



Height / Width / Depth

80 / 175 / 57 mm



Empty enclosure with tapped holes

Drill holes side A	Drill holes side B	Order No.
4 x M20x1.5	4 x M20x1.5	8000004154



Note

Terminal block, suitable for empty enclosure

Type	Type of connection	Conductor can be clamped	Rated cross-section	No. of DU*	No. of PE*	Order No.
 AKZ 4	Screw connection	Solid / stranded	0.5..6 mm² / 1.5...4 mm²	21	2	8000004137
		Flexible / flexible with wire-end ferrule	0.5..4 mm² / 0.5...2.5 mm²			
 ZDUA 2.5/2	Tension clamp connection	Two connections	0.5..4 mm² / ...	24	2	8000004136
			0.5..2.5 mm² / 0.5...1.5 mm²			



Note

Markers numbered 1-50 (horizontal text) and mounting screws are included in the delivery.
*DU = feed-through terminals, PE = PE terminals

Distribution box with ATEX II 2GD T85°C Ex e II T6

Drill holes side A	Drill holes side B	No. of DU*	No. of PE*	Order No.
4 x M20x1.5	4 x M20x1.5	21	2	8000004215
4 x M20x1.5	4 x M20x1.5	24	2	8000004214



Note

All enclosures are equipped with an external earth stud connection.
*DU = feed-through terminals, PE = PE terminals

Accessories

Cable glands		Order No.
	VG M20 EXE 7-13 SI 7J	2017500000
	VG M20 EXE 11-14 SI 7J	2017510000
	VG M20 EXE MS	1460050000
	KSG M20 BN 0 NI 2 G20	1911560000
Stopping plugs		
	VP M20 EX SI 7J	2066730000
	VP M20-EXE MS	1737150000
Adapters		
	ADAP EX M20-M16	1737560000



Note

Terminal rail / mounting plate set

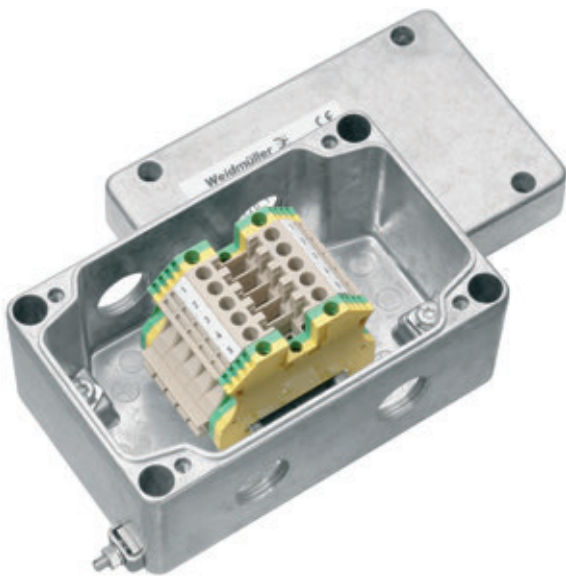
Product type	Type	Length	Order No.
Mounting rail	TS15 164 Klippon K31 CSS	164 mm	1910040000



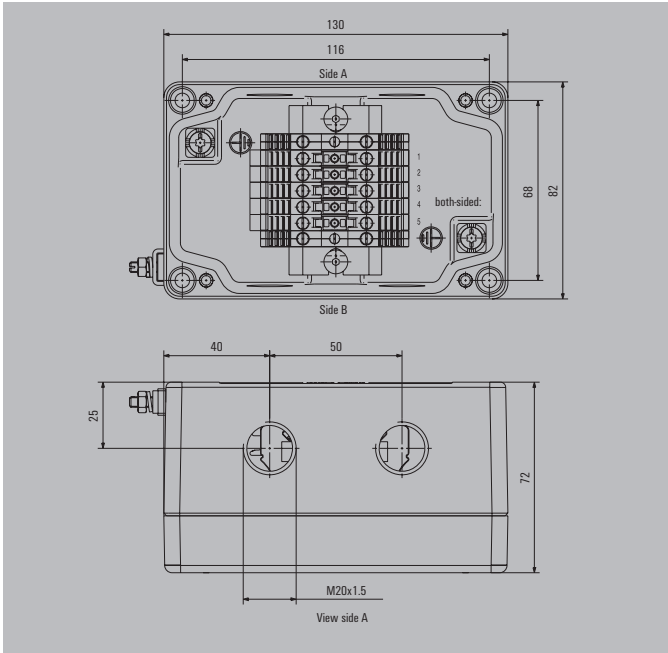
Note

Klippon® K4

72 mm



Height / Width / Depth 82 / 130 / 72 mm



Empty enclosure with tapped holes

Drill holes side A	Drill holes side B	Order No.
2 x M20x1.5	2 x M20x1.5	8000004155



Note

Terminal block, suitable for empty enclosure

Type	Type of connection	Conductor can be clamped	Rated cross-section	No. of DU*	No. of PE*	Order No.
ZDU 4-2/3AN	Tension clamp connection	Three connections	0.5...6 mm ² / ... 0.5...4 mm ² / 0.5...4 mm ²	4	1	8000004139
WDU 4	Screw connection	Solid / stranded Flexible / flexible with wire-end ferrule	0.5...6 mm ² / 1.5...6 mm ² 0.5...6 mm ² / 0.5...4 mm ²	5	2	8000004138

Note Markers numbered 1-50 (horizontal text) and mounting screws are included in the delivery.
*DU = feed-through terminals, PE = PE terminals

Distribution box with ATEX II 2GD T85°C Ex e II T6

Drill holes side A	Drill holes side B	No. of DU*	No. of PE*	Order No.
2 x M20x1.5	2 x M20x1.5	4	1	8000004217



Note All enclosures are equipped with an external earth stud connection.
*DU = feed-through terminals, PE = PE terminals

Accessories

Cable glands	Order No.
VG M20 EXE 7-13 SI 7J	2017500000
VG M20 EXE 11-14 SI 7J	2017510000
VG M20 EXE MS	1460050000
KSG M20 BN O NI 2 G20	1911560000
Stopping plugs	
VP M20 EX SI 7J	2066730000
VP M20-EXE MS	1737150000
Adapters	
ADAP EX M20-M16	1737560000

Note

Terminal rail / mounting plate set

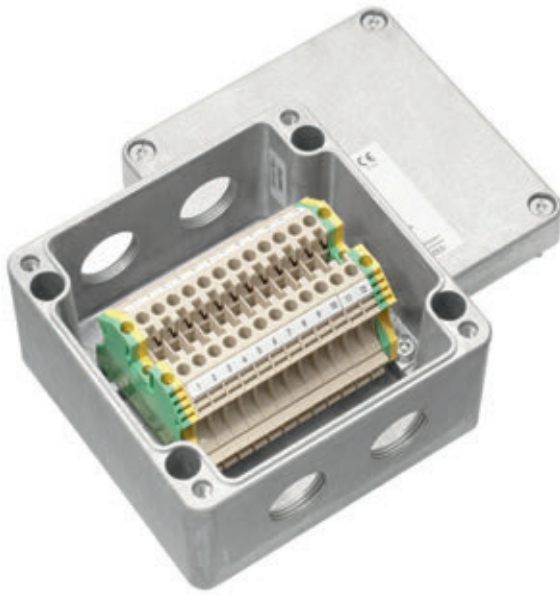
Product type	Type	Length	Order No.
Mounting rail	TS35 64 Klippon K4K11	64 mm	1910060000



Note

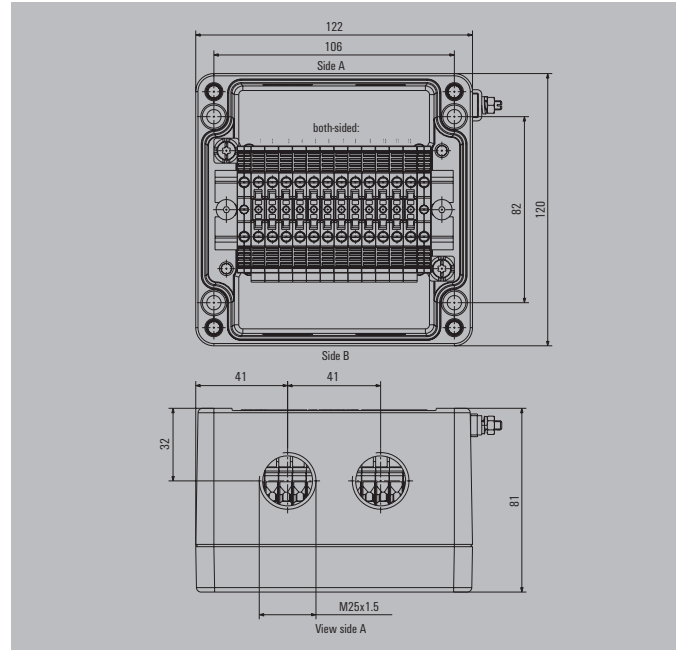
Klippon® K41

81 mm



Height / Width / Depth

120 / 122 / 81 mm



Empty enclosure with tapped holes

	Drill holes side A	Drill holes side B	Order No.
	2 x M25x1.5	2 x M25x1.5	8000003446
	3 x M20x1.5	3 x M20x1.5	8000003447

Note

Terminal block, suitable for empty enclosure

	Type	Type of connection	Conductor can be clamped	Rated cross-section	No. of DU*	No. of PE*	Order No.
	WDU 4	Screw connection	Solid / stranded	0.5...6 mm ² / 1.5...6 mm ²	12	2	8000003444
			Flexible / flexible with wire-end ferrule	0.5...6 mm ² / 0.5...4 mm ²			

Note

Markers numbered 1-50 (horizontal text) and mounting screws are included in the delivery.
*DU = feed-through terminals, PE = PE terminals

Distribution box with ATEX II 2GD T85°C Ex e II T6

Drill holes side A	Drill holes side B	No. of DU*	No. of PE*	Order No.
3 x M20x1.5	3 x M20x1.5	12	2	8000003591
2 x M25x1.5	2 x M25x1.5	12	2	8000003589



Note

All enclosures are equipped with an external earth stud connection.
*DU = feed-through terminals, PE = PE terminals

Accessories

Cable glands	Order No.
VG M20 EXE 7-13 SI 7J	2017500000
VG M20 EXE 11-14 SI 7J	2017510000
VG M20 EXE MS	1460050000
KSG M20 BN O NI 2 G20	1911560000
VG M25 EXE 12-17 SI 7J	2017520000
VG M25 EXE 14-18 SI 7J	2017550000

Stopping plugs	Order No.
VP M20 EX SI 7J	2066730000
VP M20-EXE MS	1737150000
VP M25 EXE MS	1210910000
VP M25 EX SI 7J	2066740000

Adapters	Order No.
ADAP EX M20-M16	1737560000
ADAP EX M25-M16	1737550000
ADAP EX M25-M20	1737710000

Note

Terminal rail / mounting plate set

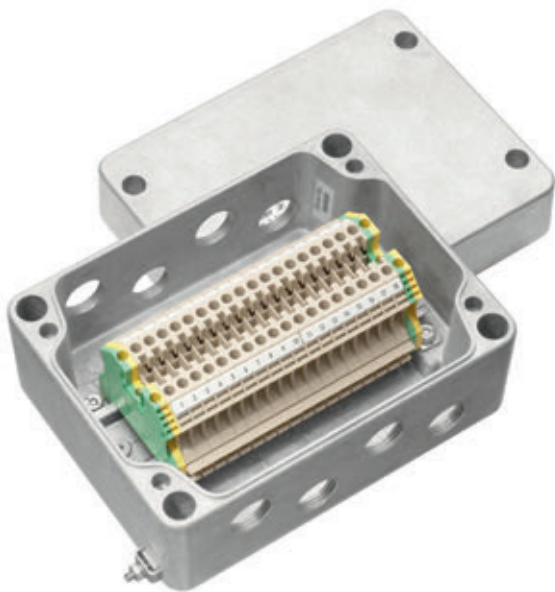
Product type	Type	Length	Order No.
Mounting rail	TS35 105 Klippon K41/POK4	105 mm	1910070000



Note

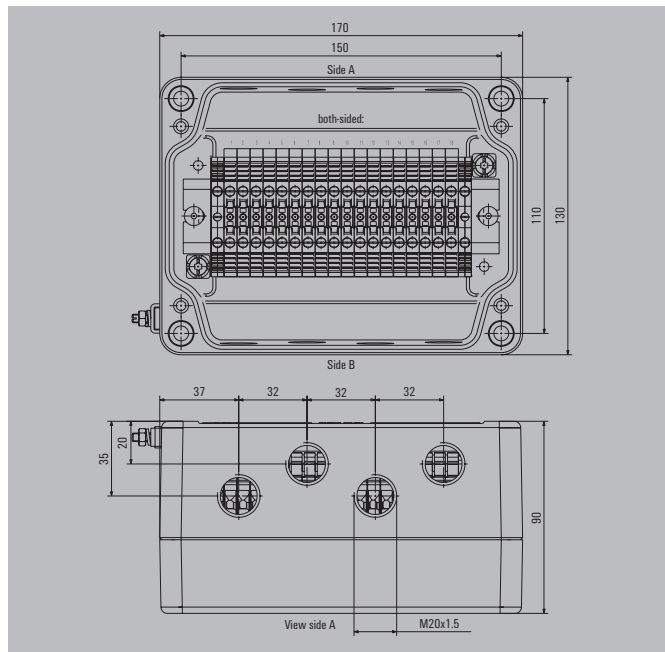
Klippon® K5

90 mm



Height / Width / Depth

130 / 170 / 90 mm



Empty enclosure with tapped holes

Drill holes side A	Drill holes side B	Order No.
4 x M20x1.5	4 x M20x1.5	8000004158



Note

Terminal block, suitable for empty enclosure

Type	Type of connection	Conductor can be clamped	Rated cross-section	No. of DU*	No. of PE*	Order No.
WDU 4	Screw connection	Solid / stranded	0.5...6 mm ² / 1.5...6 mm ²	17	2	8000004140
		Flexible / flexible with wire-end ferrule	0.5...6 mm ² / 0.5...4 mm ²			



Note

Markers numbered 1-50 (horizontal text) and mounting screws are included in the delivery.
*DU = feed-through terminals, PE = PE terminals

Distribution box with ATEX II 2GD T85°C Ex e II T6

Drill holes side A	Drill holes side B	No. of DU*	No. of PE*	Order No.
4 x M20x1.5	4 x M20x1.5	17	2	8000004218
4 x M20x1.5	4 x M20x1.5	15	2	8000004219



Note

All enclosures are equipped with an external earth stud connection.
*DU = feed-through terminals, PE = PE terminals

Accessories

Cable glands	Order No.
VG M20 EXE 7-13 SI 7J	2017500000
VG M20 EXE 11-14 SI 7J	2017510000
VG M20 EXE MS	1460050000
KSG M20 BN O NI 2 G20	1911560000
Stopping plugs	
VP M20 EX SI 7J	2066730000
VP M20-EXE MS	1737150000
Adapters	
ADAP EX M20-M16	1737560000



Note

Terminal rail / mounting plate set

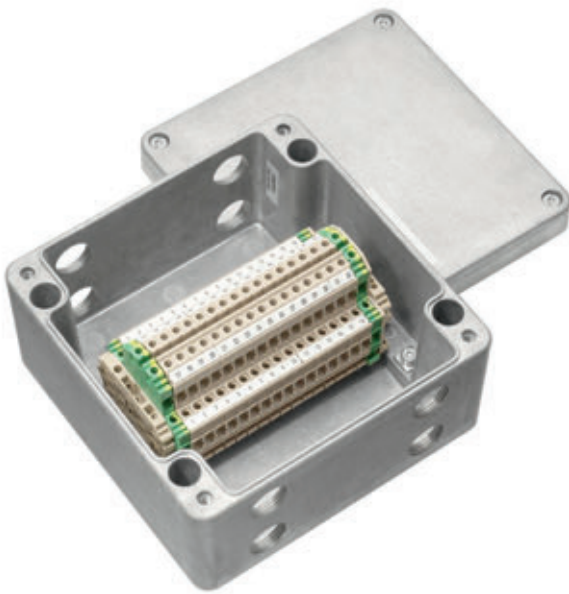
Product type	Type	Length	Order No.
Mounting rail	TS35/148 KLIPPON K5 CSS	148 mm	1910080000



Note

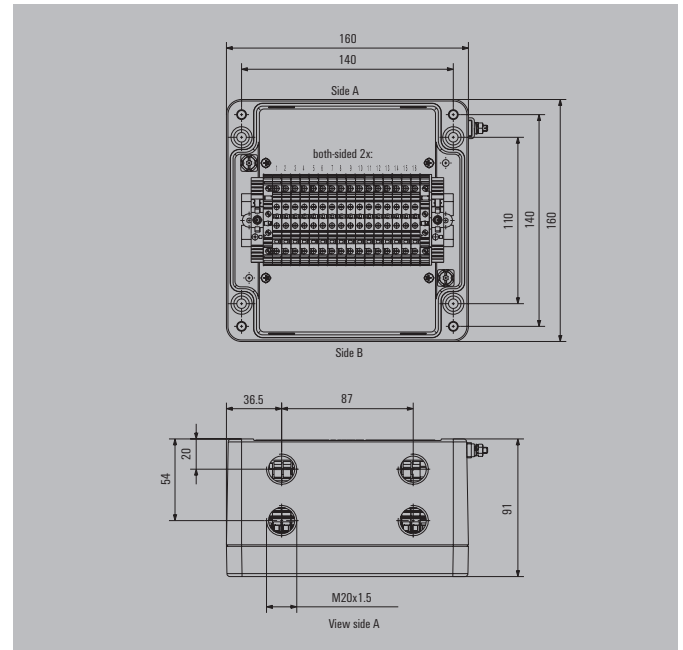
Klippon® K52

91 mm



Height / Width / Depth

160 / 160 / 91 mm



Accessories

Cable glands		Order No.
	VG M20 EXE 7-13 SI 7J	2017500000
	VG M20 EXE 11-14 SI 7J	2017510000
	VG M20 EXE MS	1460050000
	KSG M20 BN O NI 2 G20	1911560000
Stopping plugs		
	VP M20 EX SI 7J	2066730000
	VP M20-EXE MS	1737150000
Adapters		
	ADAP EX M20-M16	1737560000

Note

Terminal block, suitable for empty enclosure

	Type	Type of connection	Conductor can be clamped	Rated cross-section	No. of DU*	No. of PE*	Order No.
	ZDK 2.5	Tension clamp connection	Double-level terminal	0.5...2.5 mm² / ... 0.5...2.5 mm² / 0.5...2.5 mm²	19	2	8000004143
	WDK 4N	Screw connection	Solid / stranded Flexible / flexible with wire-end ferrule	0.5...6 mm² / 1.5...6 mm² 0.5...4 mm² / 0.5...4 mm²	16	2	8000004142
Note		Markers numbered 1-50 (horizontal text) and mounting screws are included in the delivery. *DU = feed-through terminals, PE = PE terminals					

Distribution box with ATEX II 2GD T85°C Ex e II T6

Drill holes side A	Drill holes side B	No. of DU*	No. of PE*	Order No.
4 x M20x1.5	4 x M20x1.5	16	2	8000004220
4 x M20x1.5	4 x M20x1.5	19	2	8000004221



Note

All enclosures are equipped with an external earth stud connection.
*DU = feed-through terminals, PE = PE terminals

Terminal rail / mounting plate set

Product type	Type	Length	Order No.
	Mounting rail TS35/140 Klippon K52 POK51	140 mm	1910100000

Note

Klippon® Protect Terminal Boxes – Product overview: Polyester enclosure

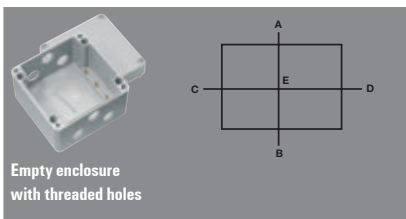
Use the product overview to find the right solution for you! Combine your own industrial version consisting of an enclosure, with or without threaded holes, a suitable mounting rail or pre-fitted terminal strips. The compatible components are always shown in a row.

Klippon® Protect offers you approved Terminal Boxes with for use in explosive areas can be found in the last column. They come with threaded holes and are already equipped with a terminal strip.

Polyester enclosure

			Empty enclosure without threaded holes					
Dimensions of the enclosure height x width x depth mm	Enclosure type	Order No.	Qty.	Type	Length mm	Rail mounting slot dimensions mm	Order No.	Qty.
Polyester, RAL 7001								
75 x 80 x 55 	Klippon® 080806	1305810000	1	TS 15	68	4.5 x 20	1928060000	1
75 x 110 x 56 	Klippon® 081106	1305820000	1	TS 15	98	4.5 x 20	1928070000	1
75 x 160 x 56 	Klippon® 081606	1305830000	1	TS 15	147	4.5 x 20	1928080000	1
120 x 122 x 90 	Klippon® 121209	1305870000	1	TS 35	105	6.3 x 20	1910070000	1
160 x 160 x 90 	Klippon® 161609	1305890000	1	TS 35	140	6.3 x 20	1910100000	1
		protection class IP 66		suitable for the enclosure of the respective line				

¹⁾ Multi-pole terminal blocks (block terminals BK 4, BK 6 or BK 12) can be directly fitted
²⁾ Space for further threaded holes up to M32


Empty enclosure
with threaded holes


Terminal strip


Ex protected
Terminal Boxes

Threaded hole Side A	Threaded hole Side B	Order No.	Qty.	Connection technology	Cross- section mm ²	Number of DU*	Number of PE*	Order No.	Qty.	Order No.
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2x M16	2x M16	8000004160	1	Screw connection		4	4	0	8000004365 ¹⁾	1	8000004222
2x M16	2x M16			Screw connection		4	6	2	8000004144	1	8000004223
2x M20	2x M20	8000004161	1	Screw connection		4	6	0	8000004366 ¹⁾	1	8000004224
2x M20	2x M20			Screw connection		4	10	2	8000004145	1	8000004225
4x M20	4x M20	8000004162	1	Screw connection		4	12	0	8000004367 ¹⁾	1	8000004226
4x M20	4x M20			Screw connection		4	18	2	8000004146	1	8000004228
3x M20	3x M20	8000003448	1	Screw connection		4	12	2	8000003444	1	8000003593
3x M20	3x M20			Screw connection		4	12	2		1	8000003594
4x M20	4x M20	8000004164 ²⁾	1	Screw connection		4	16	2	8000004142	1	8000004229
4x M20	4x M20			Tension clamp connection		2.5	19	2	8000004143	1	8000004230

suitable for the enclosures of the respective line
*DU = feed-through terminals, PE = PE terminals

Ex enclosure with an
external earthing connection,
holes and strip terminals in
each row

Klippon® Protect – Terminal Boxes Polyester

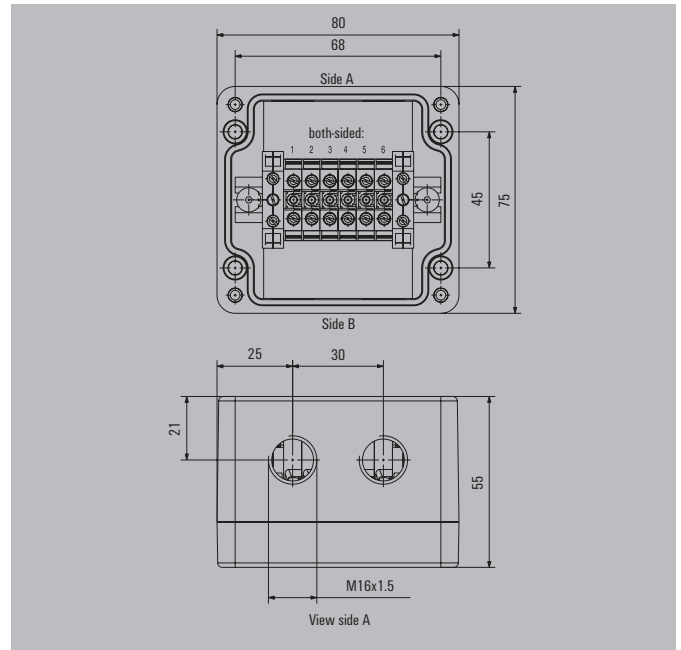
Klippon® POK 080806

55 mm



Height / Width / Depth

75 / 80 / 55 mm



Accessories

Cable glands		Order No.
	VG M16 EXE 5-8 SI 7J	2017380000
	VG M16 EXE 6-10 SI 7J	2017390000
	VG M16 EXE MS	1460040000
Stopping plugs		
	VP M16 EX SI 7J	2066720000
	VP M16-EXE MS	1737140000

Empty enclosure with tapped holes

Drill holes side A	Drill holes side B	Order No.
2 x M16x1.5	2 x M16x1.5	8000004160



Note

Note

Terminal block, suitable for empty enclosure

Type	Type of connection	Conductor can be clamped	Rated cross-section	No. of DU*	No. of PE*	Order No.
	Screw connection	Solid / stranded	0.5...4 mm ² / 1.5...4 mm ²	4	0	8000004365
		Flexible / flexible with wire-end ferrule	0.5...4 mm ² / 0.5...4 mm ²			
AKZ 4	Screw connection	Solid / stranded	0.5...6 mm ² / 1.5...4 mm ²	6	2	8000004144
		Flexible / flexible with wire-end ferrule	0.5...4 mm ² / 0.5...2.5 mm ²			

Note

Markers numbered 1-50 (horizontal text) and mounting screws are included in the delivery.
*DU = feed-through terminals, PE = PE terminals

Distribution box with ATEX II 2GD T85°C Ex e II T6

Drill holes side A	Drill holes side B	No. of DU*	No. of PE*	Order No.
2 x M16x1.5	2 x M16x1.5	6	2	8000004223
2 x M16x1.5	2 x M16x1.5	6	2	8000004222



Note

Enclosures are delivered in RAL 9011.
*DU = feed-through terminals, PE = PE terminals

Terminal rail / mounting plate set

Product type	Type	Length	Order No.
	Mounting rail	TS15 68 Klippon POK1 CSS	68 mm
			1928060000

Note

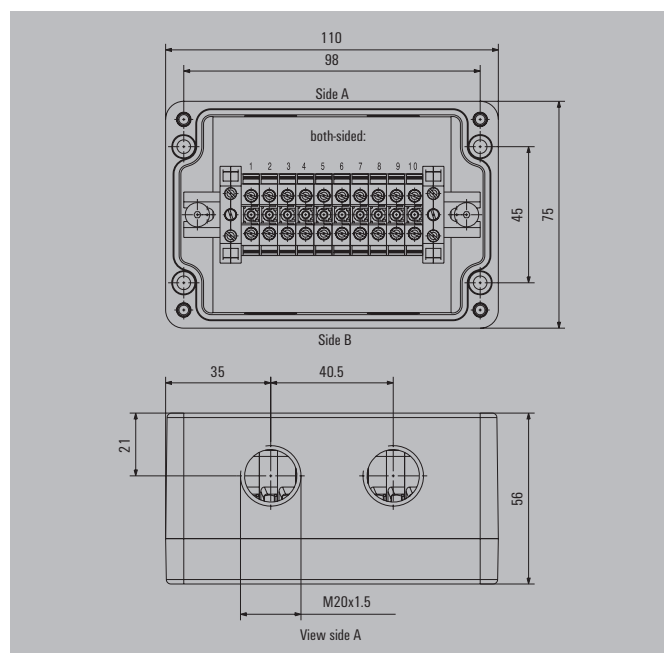
Klippon® POK 081106

56 mm



Height / Width / Depth

75 / 110 / 56 mm



Accessories

Cable glands		Order No.
	VG M20 EXE 7-13 SI 7J	2017500000
	VG M20 EXE 11-14 SI 7J	2017510000
	VG M20 EXE MS	1460050000
	KSG M20 BN O NI 2 G20	1911560000
Stopping plugs		Order No.
	VP M20 EX SI 7J	2066730000
	VP M20-EXE MS	1737150000
Adapters		Order No.
	ADAP EX M20-M16	1737560000

Empty enclosure with tapped holes

Drill holes side A	Drill holes side B	Order No.
2 x M20x1.5	2 x M20x1.5	8000004161



Note

Note

Terminal block, suitable for empty enclosure

Type	Type of connection	Conductor can be clamped	Rated cross-section	No. of DU*	No. of PE*	Order No.
	Screw connection	Solid / stranded	0.5...4 mm² / 1.5...4 mm²	6	0	8000004366
		Flexible / flexible with wire-end ferrule	0.5...4 mm² / 0.5...4 mm²			
AKZ 4	Screw connection	Solid / stranded	0.5...6 mm² / 1.5...4 mm²	10	2	8000004145
		Flexible / flexible with wire-end ferrule	0.5...4 mm² / 0.5...2.5 mm²			

Note

Markers numbered 1-50 (horizontal text) and mounting screws are included in the delivery.
*DU = feed-through terminals, PE = PE terminals

Distribution box with ATEX II 2GD T85°C Ex e II T6

Drill holes side A	Drill holes side B	No. of DU*	No. of PE*	Order No.
2 x M20x1.5	2 x M20x1.5	10	2	8000004225
2 x M20x1.5	2 x M20x1.5	6	0	8000004224



Note

Enclosures are delivered in RAL 9011.
*DU = feed-through terminals, PE = PE terminals

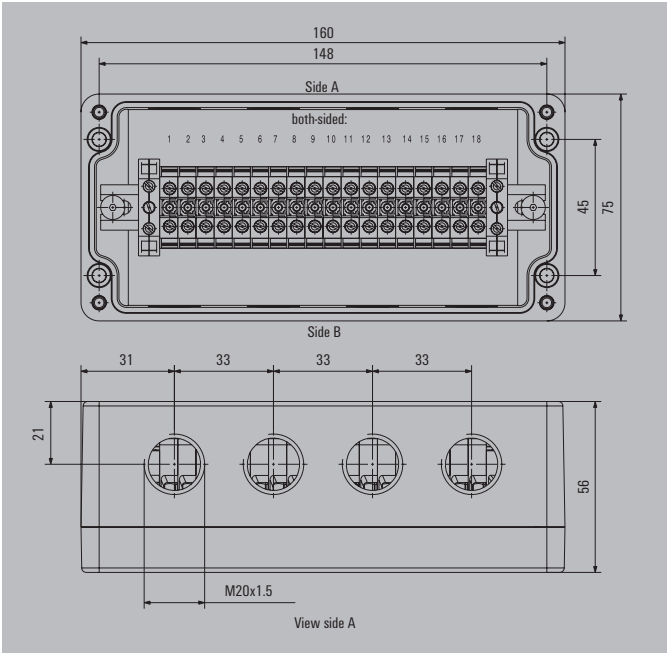
Terminal rail / mounting plate set

Product type	Type	Length	Order No.
	Mounting rail	TS15 98 Klippon POK2 CSS	98 mm
			1928070000

Note



Height / Width / Depth 75 / 160 / 56 mm



Empty enclosure with tapped holes

	Drill holes side A	Drill holes side B	Order No.
	4 x M20x1.5	4 x M20x1.5	8000004162

Note

Terminal block, suitable for empty enclosure

	Type	Type of connection	Conductor can be clamped	Rated cross-section	No. of DU*	No. of PE*	Order No.
	BK 12/E	Screw connection	Solid / stranded	0.5...4 mm ² / 1.5...4 mm ²	12	0	8000004367
	AKZ 4	Screw connection	Flexible / flexible with wire-end ferrule	0.5...4 mm ² / 0.5...4 mm ²			
			Solid / stranded	0.5...6 mm ² / 1.5...4 mm ²	18	2	8000004146
			Flexible / flexible with wire-end ferrule	0.5...4 mm ² / 0.5...2.5 mm ²			

Note Markers numbered 1-50 (horizontal text) and mounting screws are included in the delivery.
*DU = feed-through terminals, PE = PE terminals

Distribution box with ATEX II 2GD T85°C Ex e II T6

Drill holes side A	Drill holes side B	No. of DU*	No. of PE*	Order No.
4 x M20x1.5	4 x M20x1.5	18	2	8000004228
4 x M20x1.5	4 x M20x1.5	12	0	8000004226



Note Enclosures are delivered in RAL 9011.
*DU = feed-through terminals, PE = PE terminals

Accessories

Cable glands		Order No.
	VG M20 EXE 7-13 SI 7J	2017500000
	VG M20 EXE 11-14 SI 7J	2017510000
	VG M20 EXE MS	1460050000
	KSG M20 BN O NI 2 G20	1911560000
Stopping plugs		
	VP M20 EX SI 7J	2066730000
	VP M20-EXE MS	1737150000
Adapters		
	ADAP EX M20-M16	1737560000

Note

Terminal rail / mounting plate set

Product type	Type	Length	Order No.
	Mounting rail	TS15 147 Klippon POK3 CSS	147 mm
			1928080000

Note

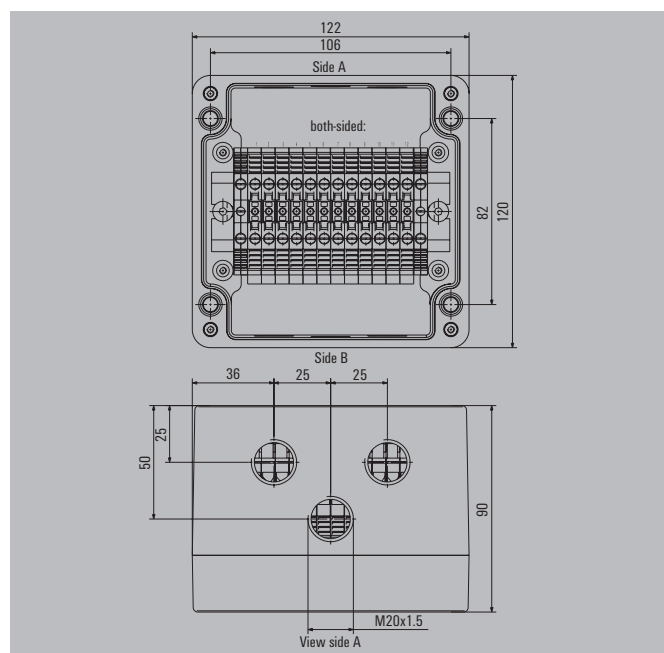
Klippon® POK 121209

90 mm



Height / Width / Depth

120 / 122 / 90 mm



Empty enclosure with tapped holes

	Drill holes side A	Drill holes side B	Order No.
	3 x M20x1.5	3 x M20x1.5	8000003448

Note

Terminal block, suitable for empty enclosure

	Type	Type of connection	Conductor can be clamped	Rated cross-section	No. of DU*	No. of PE*	Order No.
	WDU 4	Screw connection	Solid / stranded Flexible / flexible with wire-end ferrule	0.5...6 mm ² / 1.5...6 mm ² 0.5...6 mm ² / 0.5...4 mm ²	12	2	8000003444

Note

Markers numbered 1-50 (horizontal text) and mounting screws are included in the delivery.
*DU = feed-through terminals, PE = PE terminals

Distribution box with ATEX II 2GD T85°C Ex e II T6

Drill holes side A	Drill holes side B	No. of DU*	No. of PE*	Order No.
3 x M20x1.5	3 x M20x1.5	12	2	8000003593
3 x M20x1.5	3 x M20x1.5	9	2	8000003594



Note

Enclosures are delivered in RAL 9011.
*DU = feed-through terminals, PE = PE terminals

Accessories

		Order No.
	VG M20 EXE 7-13 SI 7J	2017500000
	VG M20 EXE 11-14 SI 7J	2017510000
	VG M20 EXE MS	1460050000
	VP M20 EX SI 7J	2066730000
	VP M20-EXE MS	1737150000
	ADAP EX M20-M16	1737560000

Note

Terminal rail / mounting plate set

Product type	Type	Length	Order No.
	Mounting rail	TS35 105 Klippon K41/POK4	105 mm
			1910070000

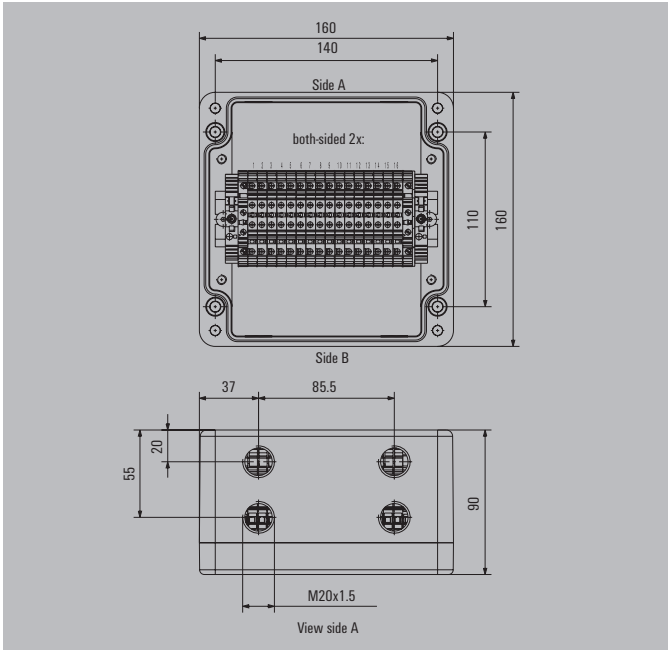
Note

Klippon® POK 161609

90 mm



Height / Width / Depth 160 / 160 / 90 mm



Empty enclosure with tapped holes

Drill holes side A	Drill holes side B	Order No.
4 x M20x1.5	4 x M20x1.5	8000004164



Note

Terminal block, suitable for empty enclosure

Type	Type of connection	Conductor can be clamped	Rated cross-section	No. of DU*	No. of PE*	Order No.
ZDK 2.5	Tension clamp connection	Double-level terminal	0.5...2.5 mm ² / ... 0.5...2.5 mm ² / 0.5...2.5 mm ²	19	2	8000004143
WDK 4N	Screw connection	Solid / stranded Flexible / flexible with wire-end ferrule	0.5...6 mm ² / 1.5...6 mm ² 0.5...4 mm ² / 0.5...4 mm ²	16	2	8000004142

Note Markers numbered 1-50 (horizontal text) and mounting screws are included in the delivery.
*DU = feed-through terminals, PE = PE terminals

Distribution box with ATEX II 2GD T85°C Ex e II T6

Drill holes side A	Drill holes side B	No. of DU*	No. of PE*	Order No.
4 x M20x1.5	4 x M20x1.5	16	2	8000004229
4 x M20x1.5	4 x M20x1.5	19	2	8000004230



Note Enclosures are delivered in RAL 9011.
*DU = feed-through terminals, PE = PE terminals

Accessories

Cable glands	Order No.
VG M20 EXE 7-13 SI 7J	2017500000
VG M20 EXE 11-14 SI 7J	2017510000
VG M20 EXE MS	1460050000
KSG M20 BN O NI 2 G20	1911560000
Stopping plugs	
VP M20 EX SI 7J	2066730000
VP M20-EXE MS	1737150000
Adapters	
ADAP EX M20-M16	1737560000

Note

Terminal rail / mounting plate set

Product type	Type	Length	Order No.
Mounting rail	TS35/140 Klippon K52 POK51	140 mm	1910100000



Note