




UNITED KINGDOM CONFORMITY ASSESSMENT

UK TYPE EXAMINATION CERTIFICATE

Component Intended for use on/in an Product or Protective System Intended for use in Potentially Explosive Atmospheres

UKSI 2016:1107 (as amended) – Schedule 3A, Part 1

- 3 Type Examination Certificate No.: **TÜV 22 UKEX 7099 U** Issue: **00**
- 4 Product: **Empty enclosures, Type Klippon® STB...**
- 5 Manufacturer: **Weidmüller Interface GmbH & Co. KG**
- 6 Address: **Klingenbergstr. 26
32758 Detmold; Germany**
- 7 This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- 8 TÜV Rheinland UK Ltd, Approved Body number 2571, in accordance with Regulation 42 of the Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres Regulations 2016, UKSI 2016:1107 (as amended), certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Schedule 1 of the Regulations.
The examination and test results are recorded in the confidential report 557 / UKEx 7099.00 / 22.
- 9 Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
**EN IEC 60079-0:2018 EN IEC 60079-7: 2015 / EN 60079-31: 2014
A1:2018**
- Except in respect of those requirements listed at section 18 of the schedule to this certificate.
- 10 The sign "U" is placed after the certificate number. It indicates that this certificate must not be mistaken for a certificate intended for an equipment or protective system. This partial certification may be used as the basis for certification of an equipment or protective system.
- 11 This TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified product. Further requirements of the Regulations apply to the manufacturing process and supply of this product. These are not covered by this certificate.
- 12 The marking of this product shall include the following:
 **II 2 G Ex eb IIC Gb II 2 D Ex tb IIIC Db**

This certificate and its schedules may only be reproduced in its entirety and without change.

TÜV Rheinland UK Ltd

Solihull, 2022-06-17


Dipl.-Ing. Klauspeter Graff

This Type Examination Certificate without signature shall not be valid. Alterations are subject to approval by
TÜV Rheinland UK Ltd, 1011 Stratford Road, Shirley, Solihull, B90 4BN, Tel. +44 (0) 121 7969400
A UKAS accredited certification body, No. 8400

15 **Description of Product**

Empty enclosures, Type Klippon® STB...

The empty enclosure of type Klippon® STB... is used as an Ex-component enclosure that can be equipped with other approved components such as cable glands and terminals for cross-connections of conductors. The enclosure consists of a bottom section and a cover made of stainless steel. The cover is locked by fastening screws; sealing is provided by means of a silicone gasket. The empty enclosure can be used for the types of protection "e" (increased safety) and "t" (dust ignition protection by enclosure) in potentially explosive gas and dust atmospheres of zone 1 and 21. If all electrical circuits are intrinsically safe with level of protection "ia", the enclosure can also be used in zone 0.

Types:

	length	width	depth
Klippon STB 1	120 mm	120 mm	80 mm
Klippon STB 1.1	120 mm	150 mm	80 mm
Klippon STB 2	150 mm	150 mm	90 mm
Klippon STB 2.1	150 mm	190 mm	90 mm
Klippon STB 3	190 mm	190 mm	100 mm
Klippon STB 4	250 mm	250 mm	120 mm
Klippon STB 5	380 mm	160 mm	120 mm
Klippon STB 6	400 mm	250 mm	130 mm

Intermediate sizes of identically constructed enclosures are possible.

Technical data:

Operation temperature range: -60°C to +100°C

Degree of ingress protection: IP66

16 **Test report No. (associated with this certificate issue): 557 / UKEx 7099.00 / 22**

Safety relevant instructions:

- The degree of protection IP66 in accordance with IEC 60529 is only achieved by proper use of adequate cable glands and blanking elements tested and certified for explosion protection.

17 **Schedule of Limitations**

1. The empty enclosures of the Klippon® EBx (KEBx) product family are intended to hold approved components and/or devices. Ready-to-use assembled enclosures must be assessed and approved by a certified body.
2. It is not allowed to use powder painted enclosures in areas where due to the process a static charge is possible.

18 **Essential Health and Safety Requirements (Regulations Schedule 1)**

In addition to the Essential Health and Safety Requirements covered by the standards listed at item 9, all other requirements are demonstrated in the relevant reports.

19 **Drawings and Documents**

Reg. no.	Document title:	Document no.:	Rev.:	Date:
	Compliance drawings pack	Multiple drawings	0	11/21