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UNITED KINGDOM CONFORMITY ASSESSMENT

## UK TYPE EXAMINATION CERTIFICATE

2 **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 7094 U** Issue: **00**

4 Product: **Junction Enclosures, Type Klippon K**

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 7094.00 / 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 /  
A1:2018**

**EN 60079-31: 2014**

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, 2022-06-04

  
Dipl.-Ing. Klauspeter Graffi

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

Junction Enclosures, Type Klippon K

The Junction enclosures type Klippon K are produced from aluminum and can be provided with approved Ex components according to UKEX, such as plug-in connectors, modular terminal blocks, connecting terminals and switches in any combination.

The housings in type of protection in increased safety can be used in the zones 1 and 2 as well as 21 and 22.

Types:

	length	width	depth
Klippon K1	70 mm	70 mm	45 mm
Klippon K2	70 mm	100 mm	45 mm
Klippon K3	70 mm	165 mm	45 mm
Klippon K4	82 mm	130 mm	72 mm
Klippon K5	130 mm	170 mm	90 mm
Klippon K6	160 mm	200 mm	100 mm
Klippon K7	160 mm	350 mm	100 mm
Klippon K11	80 mm	75 mm	57 mm
Klippon K21	80 mm	125 mm	57 mm
Klippon K31	80 mm	175 mm	57 mm
Klippon K32	80 mm	250 mm	55 mm
Klippon K41	120 mm	122 mm	81 mm
Klippon K51	120 mm	220 mm	81 mm
Klippon K52	160 mm	160 mm	91 mm
Klippon K61	160 mm	260 mm	91 mm
Klippon K71	230 mm	280 mm	111 mm

Further identical constructed enclosures can be manufactured with in between sizes.

**Technical data:**

Operation temperature range: -60°C to +135°C

Degree of ingress protection: IP66/67

16 Test report No. (associated with this certificate issue): 557 / UKEx 7094.00 / 22

## 17 Schedule of Limitations

1. The schedule of limitations specified in the certificates of the Ex components have to be taken into account at the installation in the empty enclosures.
2. The service temperature at the enclosure gasket must not exceed the permitted range of -60 °C to +135 °C.
3. It is not allowed, to use powder painted enclosures in areas, where due to the process a static charge is possible. Cleaning with a damped cloth only permitted.

## 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.

- 13 SCHEDULE TO UK TYPE EXAMINATION CERTIFICATE  
14 CERTIFICATE NUMBER TÜV 22 UKEX 7094 U



19 Drawings and Documents

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