




UNITED KINGDOM CONFORMITY ASSESSMENT

UK TYPE EXAMINATION CERTIFICATE

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 7093 X** Issue: **00**
- 4 Product: **Junction Enclosures, Type Klippon POK...Ex**
- 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 TUV 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 7093.00 / 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 60079-11: 2012
A1:2018**
EN 60079-31: 2014
- Except in respect of those requirements listed at section 18 of the schedule to this certificate.
- 10 If the sign "X" is placed after the certificate number, it indicates that the product is subject to specific conditions of use specified in the schedule to this certificate.
- 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 T6...T5 Gb or II 2 G Ex eb ia IIC T6...T5 Gb or**
II 2 G Ex ia IIC T6...T5 Gb and II 2 D Ex tb IIC T85°C...T100°C Db

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

TUV 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
TUV 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 POK...Ex

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

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

Types:

	length	width	depth
Klippon POK 080806 Ex	75 mm	80 mm	55 mm
Klippon POK 081106 Ex	75 mm	110 mm	56 mm
Klippon POK 081606 Ex	75 mm	160 mm	56 mm
Klippon POK 081906 Ex	75 mm	190 mm	55 mm
Klippon POK 082306 Ex	75 mm	230 mm	56 mm
Klippon POK 121209 Ex	120 mm	122 mm	90 mm
Klippon POK 122209 Ex	120 mm	220 mm	90 mm
Klippon POK 161609 Ex	160 mm	160 mm	90 mm
Klippon POK 162609 Ex	160 mm	260 mm	90 mm
Klippon POK 163609 Ex	160 mm	360 mm	90 mm
Klippon POK 165609 Ex	160 mm	560 mm	90 mm
Klippon POK 252512 Ex	250 mm	255 mm	120 mm
Klippon® POK 254012 Ex	250 mm	400 mm	120 mm
Klippon POK 256012 Ex	250 mm	600 mm	120 mm
Klippon POK 404012 Ex	405 mm	400 mm	120 mm
Klippon POK 252516 Ex	250 mm	255 mm	160.5 mm
Klippon POK 254016 Ex	250 mm	400 mm	160.5 mm

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

Technical data:

Ambient temperature range: T6 / T85 °C -55 °C to +40 °C
 T5 / T100 °C -55 °C to +55 °C

Degree of ingress protection: IP66

Electrical Data:

Rated voltage:	according to clamping type to 1100V, intrinsic safe circuits 100V
Rated current:	according to the equipping tables max. 453A
Connection cross-section:	max. 300mm ²
Protective ground cross-section	to 150mm ²

16 Test report No. (associated with this certificate issue): 557 / UKEx 7093.00 / 22

13 SCHEDULE TO UK TYPE EXAMINATION CERTIFICATE

14 CERTIFICATE NUMBER TÜV 22 UKEX 7093 X

17 Specific Conditions of Use

1. The applicable temperature ranges for the ambient temperature depending on the temperature class/max. surface temperature must be observed"
2. The values are maximum values, the actual electrical values are determined by the built-in components. The manufacturer fixes the definite rated values in the context of these limiting values. So the manufacturer ensures the compliances with the maximum surface temperature and the permissible operating temperature of the components.
3. The conditions specified in the EU-Type Examination Certificates of the Ex components have to be taken into account for the installation of these components in the enclosure.
4. 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.

19 Drawings and Documents

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