

CERTIFICATE

(1) EC-Type Examination

(2) **Equipment and protective systems intended for use in potentially explosive atmospheres - Directive 94/9/EC**

(3) EC-Type Examination Certificate Number: **KEMA 10ATEX0048** Issue Number: **3**

(4) Equipment: **Junction Box Series Klippon TB FS... (KTB FS...)**

(5) Manufacturer: **Weidmüller Interface GmbH & Co.**

(6) Address: **Klingenbergsstraße 16, 32758 Detmold, Germany**

(7) This equipment and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

(8) DEKRA Certification B.V., notified body number 0344 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to the directive.

The examination and test results are recorded in confidential test report number NL/KEM/ExTR10.0010/**.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0 : 2009
EN 60079-26 : 2007

EN 60079-7 : 2007
EN 60079-31 : 2009

EN 60079-11 : 2007

(10) If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.

(11) This EC-Type Examination Certificate relates only to the design, examination and tests of the specified equipment according to the Directive 94/9/EC. Further requirements of the directive apply to the manufacturing process and supply of this equipment. These are not covered by this certificate.

(12) The marking of the equipment shall include the following:



II 2 G
II 1 G
II 2(1) G
II 2 D

Ex eb IIC T6...T4 or Ex e IIC T6...T4 Gb
Ex ia IIC T6...T4 or Ex ia IIC T6...T4 Ga
Ex eb ia IIC T6...T4 or Ex e ia IIC T6...T4 Gb
Ex tb IIIC T85 °C...T135 °C IP66/67 or
Ex tb IIIC T85 °C...T135 °C Db IP66/67

This certificate is issued on 16 October 2012 and, as far as applicable, shall be revised before the date of cessation of presumption of conformity of (one of) the standards mentioned above as communicated in the Official Journal of the European Union.

DEKRA Certification B.V.

C.G. van Es
Certification Manager

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(13) **SCHEDULE**

(14) **to EC-Type Examination Certificate KEMA 10ATEX0048**

Issue No. 3

(15) **Description**

Junction Boxes Series Klippon TB FS..., abbreviated as KTB FS..., are made of stainless steel or coated mild steel, they comprise covers to be closed with Fixing Screws (FS) and terminals. Optionally a document holder, door stay, label holder, metallic and non-metallic marking plate as defined in the test documentation can be used. Gland plates are provided in stainless steel, coated mild steel or brass.

The relation between ambient temperature, temperature class and maximum surface temperature is listed in the table below:

Ambient temperature	Temperature class	Max. surface temperature
-60 °C to +40 °C	T6	T85 °C
-60 °C to +55 °C	T5	T100 °C
-60 °C to +55 °C	T4	T135 °C

Electrical data

Rated voltage: max. 1 100 V
Rated current: max. 630 A
Conductor cross section: max. 300 mm²

The above listed ratings are maximum values. The actual electrical values depend on the applied terminals. The manufacturer specifies these actual electrical values in the context of the above maximum values to the applicable standards, taken net conditions, mode of operations, category etc. in account.

Installation instructions

The instructions provided with the equipment shall be followed in detail to assure safe operation.

(16) **Test Report**

No. NL/KEM/ExTR10.0010/**.

(17) **Special conditions for safe use**

None.

(18) **Essential Health and Safety Requirements**

Covered by the standards listed at (9).

(19) **Test documentation**

As listed in Test Report No. NL/KEM/ExTR10.0010/**.